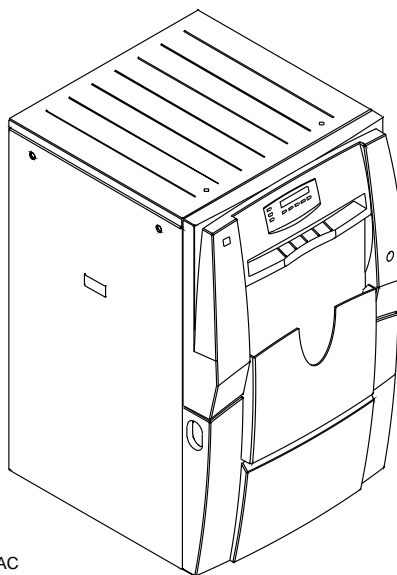


ILLUSTRATED PARTS LIST
for the
***Kodak X-Omat* MULTILOADER 7000**
Service Code: 3444
and the
***Kodak X-Omat* MULTILOADER 7000 DARKROOM**
FILM FEEDER
Service Code: 3429



Important

Qualified service personnel must repair this equipment.



H186_1000AC



HEALTH IMAGING

PLEASE NOTE

The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

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Eastman Kodak Company reserves the right to change this information without notice, and makes no warranty, express or implied, with respect to this information. Kodak shall not be liable for any loss or damage, including consequential or special damages, resulting from any use of this information, even if loss or damage is caused by Kodak's negligence or other fault.



This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.



Caution

For safety requirements, some parts must be replaced using original equipment parts. It is recommended that any replacement parts be obtained from Kodak to meet regulatory standards.

Table of Contents

Description	Page
Illustrated Parts List	5
External Components	5
COVERS and PANELS	6
MAGAZINE DOOR LOCK AY and Hardware	8
Hardware	10
CASSETTE ENTRANCE	12
ACTUATOR AY	12
CASSETTE ENTRANCE MOTOR	13
CASSETTE TRANSPORT	14
TRANSPORT BELT	14
ROLLERS	15
TRANSPORT ROLLER - Short	16
TRANSPORT ROLLER - Long	17
FINGER DRIVE AY	18
FINGER AY and DRIVE MOTOR	20
SENSORS	22
ENTRANCE ROLLER and GUIDE SHOE	23
ENTRANCE ROLLER - Lower	24
BLOW PIPE AY	25
BLOWPIPE HOSE and SENSOR	26
ENCODER	27
CASSETTE OPENER	28
CASSETTE OPENER AY	29
MOTOR M5 and CHAIN	30
MOTOR M2 and BELTS	31
MOTOR M4 and BELTS	32
WIRING HARNESSSES	34
CONVEYOR	36
MOTORS M6/M7 and SHAFTS	36
SHAFT AY	38
SUCKER BAR AY	39
SOLENOID Y7	40
MOTOR M7 and ROLLERS	41
SUCKERS and BEARINGS	42
SENSORS B17 and B18	43

SENSOR B20	44
FILM CHUTE	45
MOTORS and SENSOR	45
FILM RELEASE MOTOR AY	46
FILM CHUTE AY	47
INTERLOCK OVERRIDE SWITCH	48
PROCESSOR INTERFACE	49
TRANSPORT ROLLER	49
ROLLER and ACTUATOR	50
MAGAZINE SHUTTLE MECHANISM	51
MAGAZINE TRANSPORT MECHANISM	51
MAGAZINE SHUTTLE	52
MAGAZINE TRANSPORT MECHANISM - DRAWER LOCK	54
DRAWER SLIDES and DRAWER PULL MECHANISM	56
MAGAZINE DRAWER POSITIONER AY	57
MAGAZINE DRAWER TRANSPORT MOTOR	58
MAGAZINE SHUTTLE MECHANISM BOARD A20	59
FILM POCKET	60
SOLENOID and CABLE AY	60
DOUBLE FILM DETECTOR	61
CLUTCH AY	62
SUCKER BAR SOLENOID	64
SUCKER BAR AY	66
MOTOR M15	67
MOTOR and GEAR BOX	68
COUNTERWEIGHTS	69
POWER SUPPLY	70
POWER SUPPLY AY	70
FUSES	72
BOARDS	74
MAIN PROCESSOR BOARD A1 - old style	74
MAIN PROCESSOR BOARD A1 - new style	75
DISPLAY AY	76
BOARDS and CABLES	77
BOARDS A5 and A7	78
BOARDS A9, A10, and A20	79
MOTORS	80
MOTORS M2 and M5	80
TRANSPORT, FAN and STEPPER MOTORS	81
MOTOR M4	82
SENSORS	83
INTERLOCK SWITCH	83
SENSORS and CIRCUIT BREAKERS	84
CONVEYOR SENSORS	85
CASSETTE TRANSPORT SENSORS	86
SOLENOIDS	87
FRONT DOOR and PNEUMATICS	87
FILM POCKET	88
CONNECTORS	89
SOCKET HOUSINGS	89
SOCKET HOUSINGS - Large	90
SOCKETS and PINS	92
PNEUMATICS	93
PNEUMATIC SOLENOIDS	93
PNEUMATIC SYSTEM - without Modification No. 6	94
PNEUMATIC SYSTEM - with Modification No. 6	96
HOSES	97
DARKROOM FILM FEEDER	98
DOOR	98

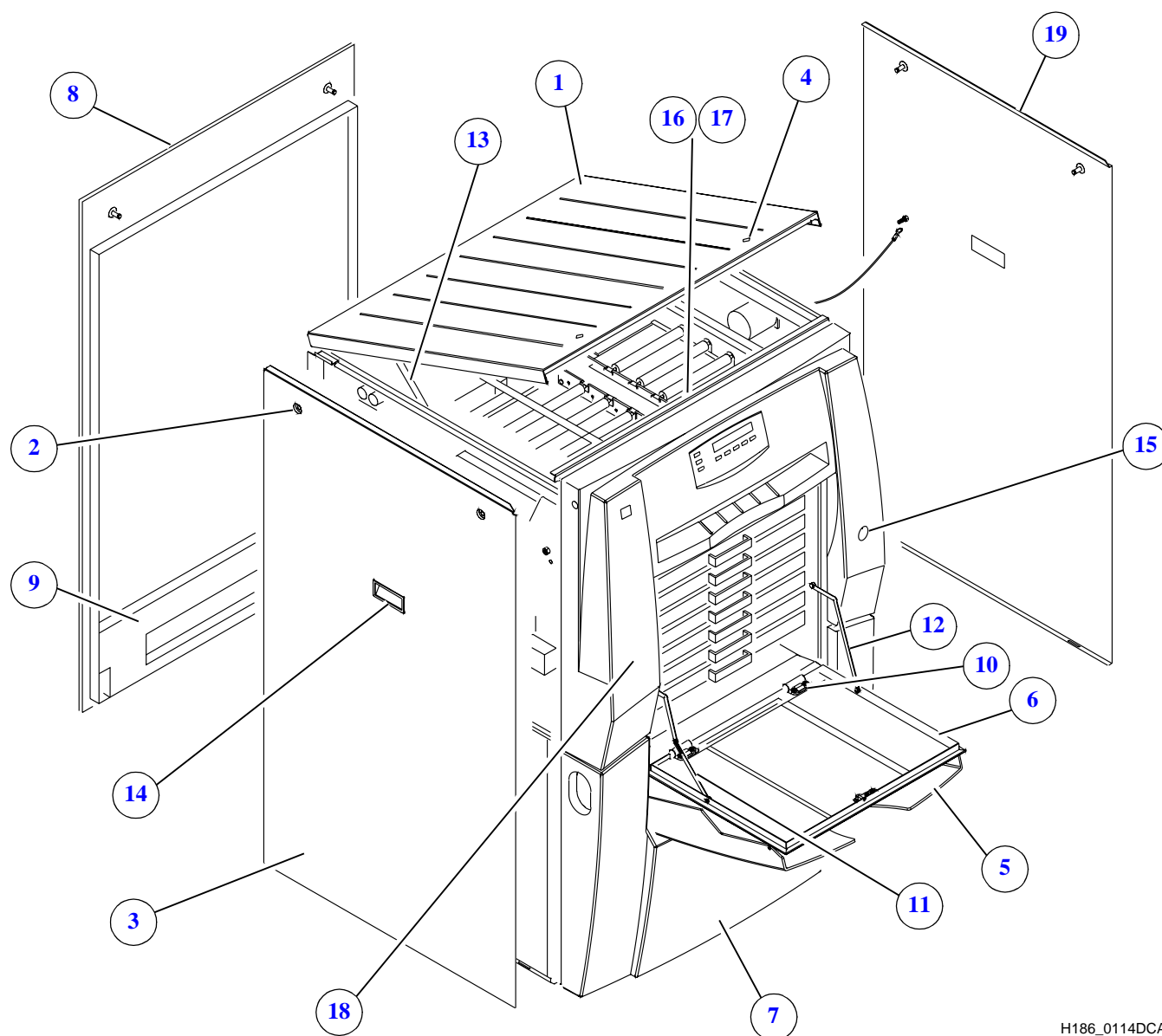
ILLUSTRATED PARTS LIST

DOOR SOLENOID AY	99
BOARD A13	100
Miscellaneous	101
SOFTWARE and SEISMIC MOUNT KIT	101
HOSE SUPPORT and EXHAUST ADAPTER	102
ENERGY CHAIN AY	103
STOP BRACKET AY	104
CASSETTES and MAGAZINES	105
CASSETTES	105
MAGAZINE	106
Numerical Index	107
Alphabetical Index	119

Section 1: Illustrated Parts List

External Components

Figure 1 COVERS and PANELS

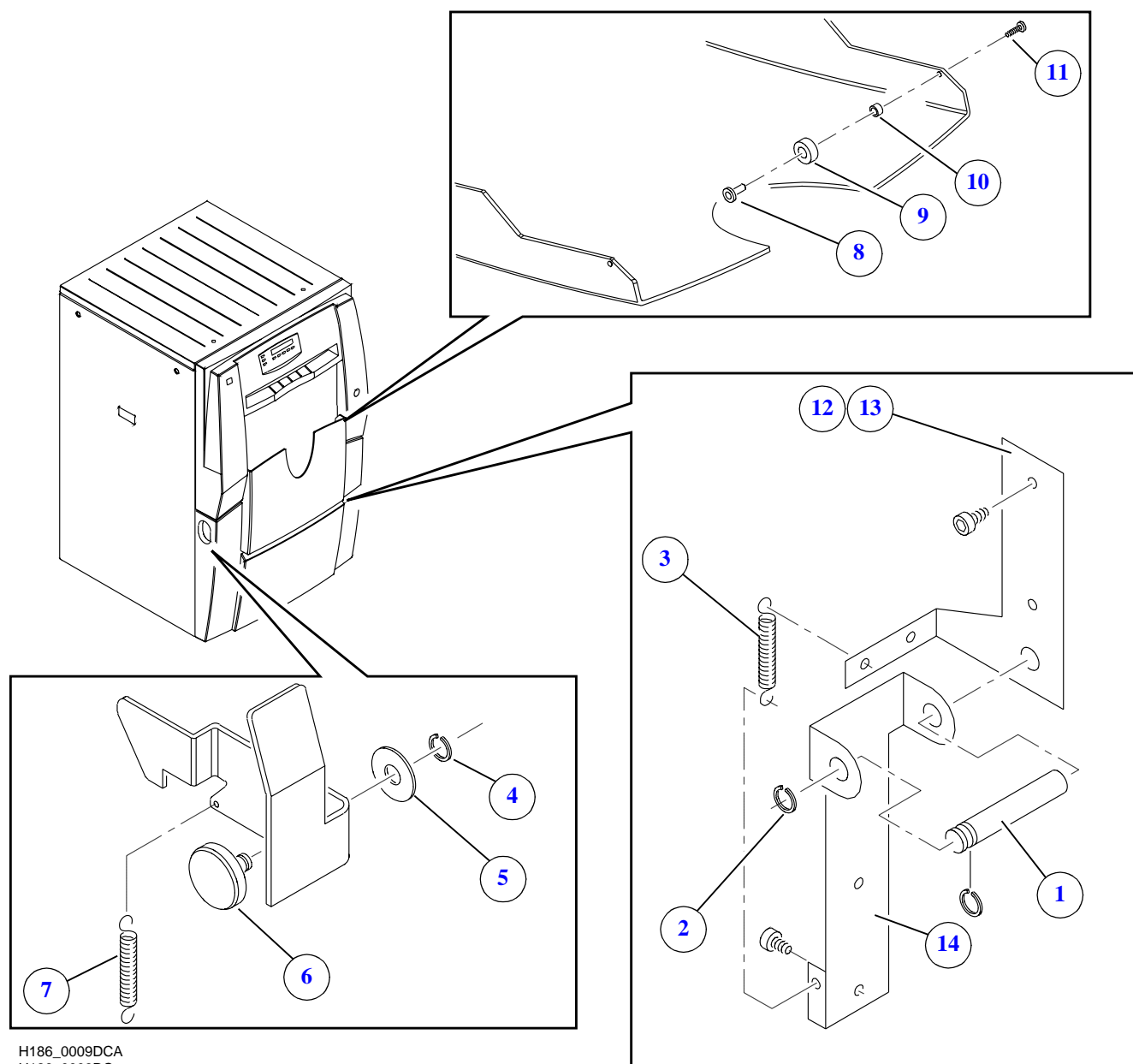


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Figure 1 COVERS and PANELS

Item	Part No.	Description	Quantity	Notes
1	1F5931SOP	TOP COVER AY	1	Not available in stock.
2	9280201	FASTENER - quick lock, side panel	6	
3	9401131SOP	PANEL - left side	1	Not available in stock.
4	9187542	FASTENER - quick lock, top cover	2	
5	9401832P	RECEIVING BIN	1	
6	9401703SOP	MAGAZINE ACCESS DOOR	1	Not available in stock.
7	9401821SOP	PANEL - processor, front	1	Not available in stock.
8	9401123SOP	PANEL - multiloader, back	1	Not available in stock.
9	SP9408141	FOAM - rear panel	1	
10	9401751S	HINGE - magazine door ay	2	
11	9407382P	DOOR STAY AY - left magazine door	1	
12	9407222P	DOOR STAY AY - right magazine door	1	
13	9407491S	STAY - top cover	2	
14	9401981S	HANDLE	3	Some MULTILOADER 7000 have HANDLES.
15	9401871S	BUTTON - open magazine door	1	
16	9261651	MAGNET - reed	1	Located under the TOP COVER of the MULTILOADER.
17	9263051	SENSOR - interlock switch	1	Located on the FRAME of the MULTILOADER.
18	9401791SOP	PANEL - front	1	Not available in stock.
19	9401151SOP	PANEL - right side	1	Not available in stock.

Figure 2 MAGAZINE DOOR LOCK AY and Hardware

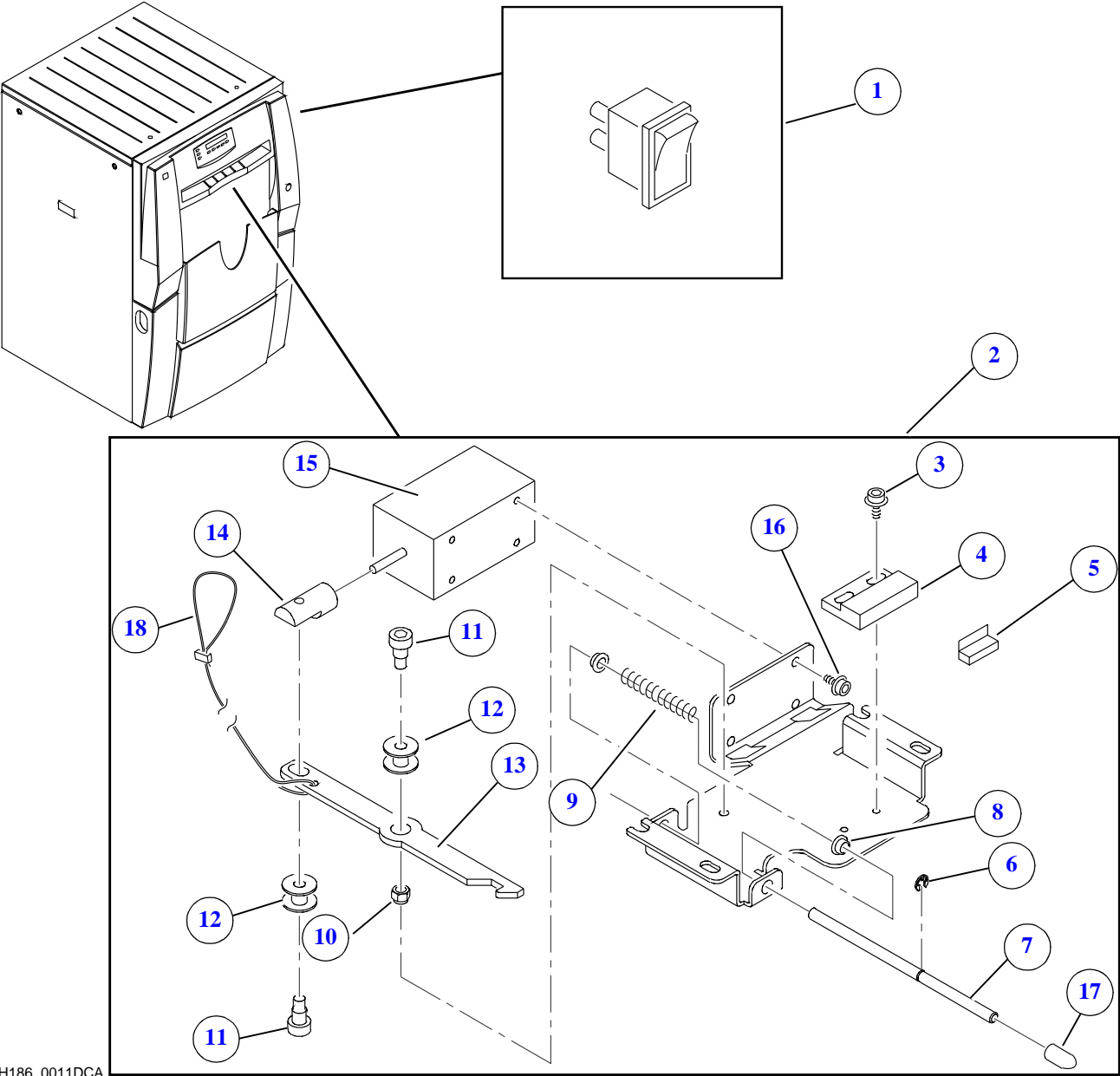


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Figure 2 MAGAZINE DOOR LOCK AY and Hardware

Item	Part No.	Description	Quantity	Notes
1	9214581	PIN	2	
2	4500606	CLIP - 3.2 mm (0.12 in.)	12	
3	9210931	SPRING	4	
4	4500566	CLIP - 6 mm (0.24 in.)	2	
5	9223180	WASHER - 6.05 mm (0.24 in.)	2	
6	9210401	BOLT	2	
7	9189776	SPRING	2	
8	9407681S	HUB - threaded	2	
9	9403941S	TIRE - bin runner	2	
10	9403931S	ROLLER - bin runner	2	
11	36550033S	SCREW	2	
12	9407501P	PIVOT PLATE - right	1	
13	9407001P	PIVOT PLATE - left	1	
14	9210781P	BRACKET - hinge	2	

Figure 3 Hardware



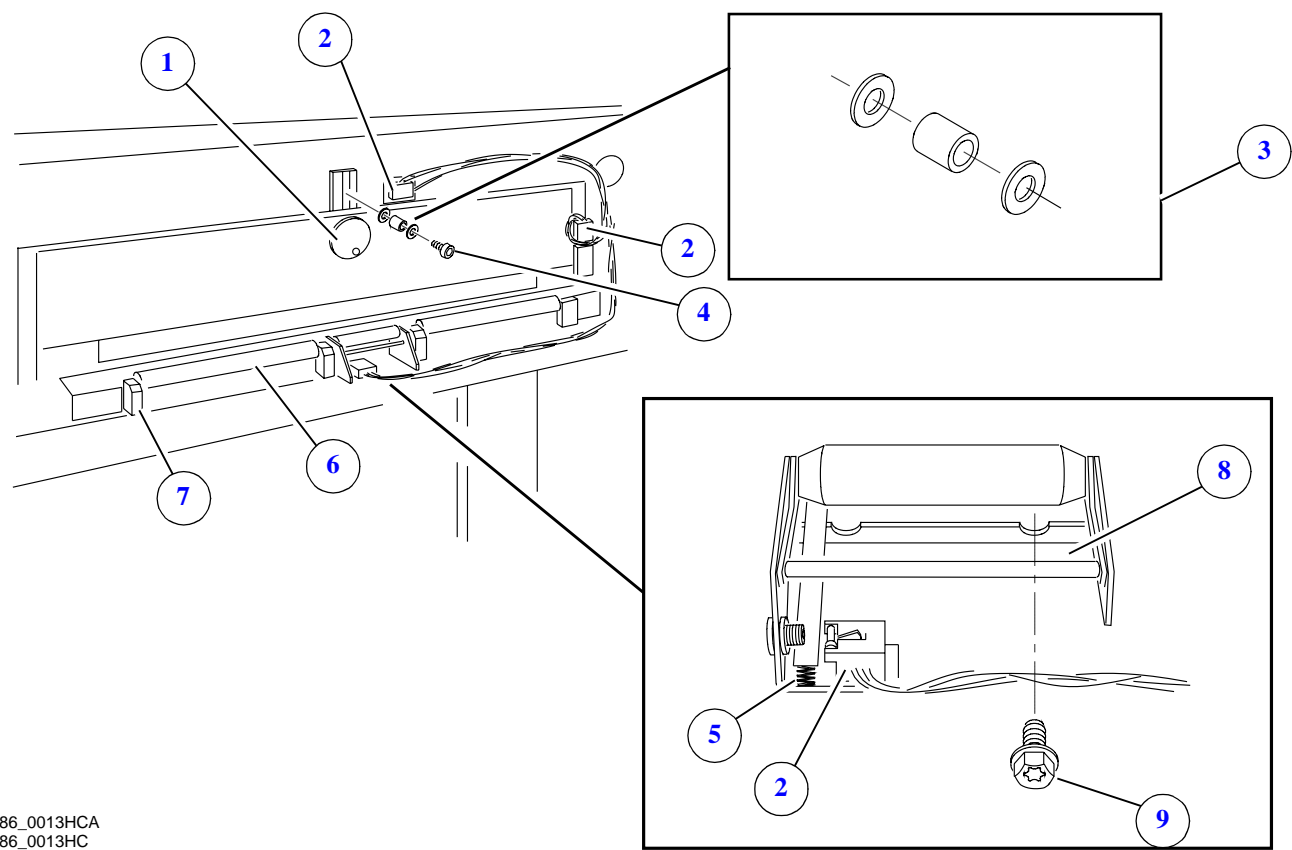
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Figure 3 Hardware

Item	Part No.	Description	Quantity	Notes
1	9224350	SWITCH - main	1	
2	9401593P	MAGAZINE DOOR LOCKING MECHANISM AY	1	
3	4283301	SCREW - M3 x 8	2	
4	9263051	SENSOR - interlock switch	1	On the MAGAZINE DOOR LOCK BRACKET. On the MAGAZINE DOOR.
5	9261651	MAGNET - reed	1	
6	4500606	CLIP - 3.2 mm (0.12 in.)	1	
7	9401611S	PUSHER	1	
8	9403631S	BUSHING - pusher	2	
9	9401651S	SPRING	1	
10	4853251	LOCK NUT - M4	1	
11	36550028S	SCREW - shoulder	2	
12	9403621S	BEARING - pivot arm	1	
13	9401601S	HOOK - latch	1	SOLENOID Y1
14	9401641S	COUPLING - solenoid	1	
15	9222111	SOLENOID - Y1, Y4	1	
16	4283281	SCREW - mounting	4	
17	9408581S	CONNECTOR - air	1	
18	9401850	CABLE - manual unlock door	1	

CASSETTE ENTRANCE

Figure 4 ACTUATOR AY



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Figure 4 ACTUATOR AY

Item	Part No.	Description	Quantity	Notes
1	9216681	CAM	1	
2	9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	1	SENSOR B2, B3, B4
3	9224020	BUSHING AY	2	
4	4283286	SCREW - M3 x 6	1	
5	9216651	SPRING	2	
6	9216536	ROLLER AY	2	Includes the BEARING.
7	9216581	BEARING	4	
8	9220190	ACTUATOR AY	1	
9	4283121	SCREW - M4 x 10	2	

Figure 5 CASSETTE ENTRANCE MOTOR

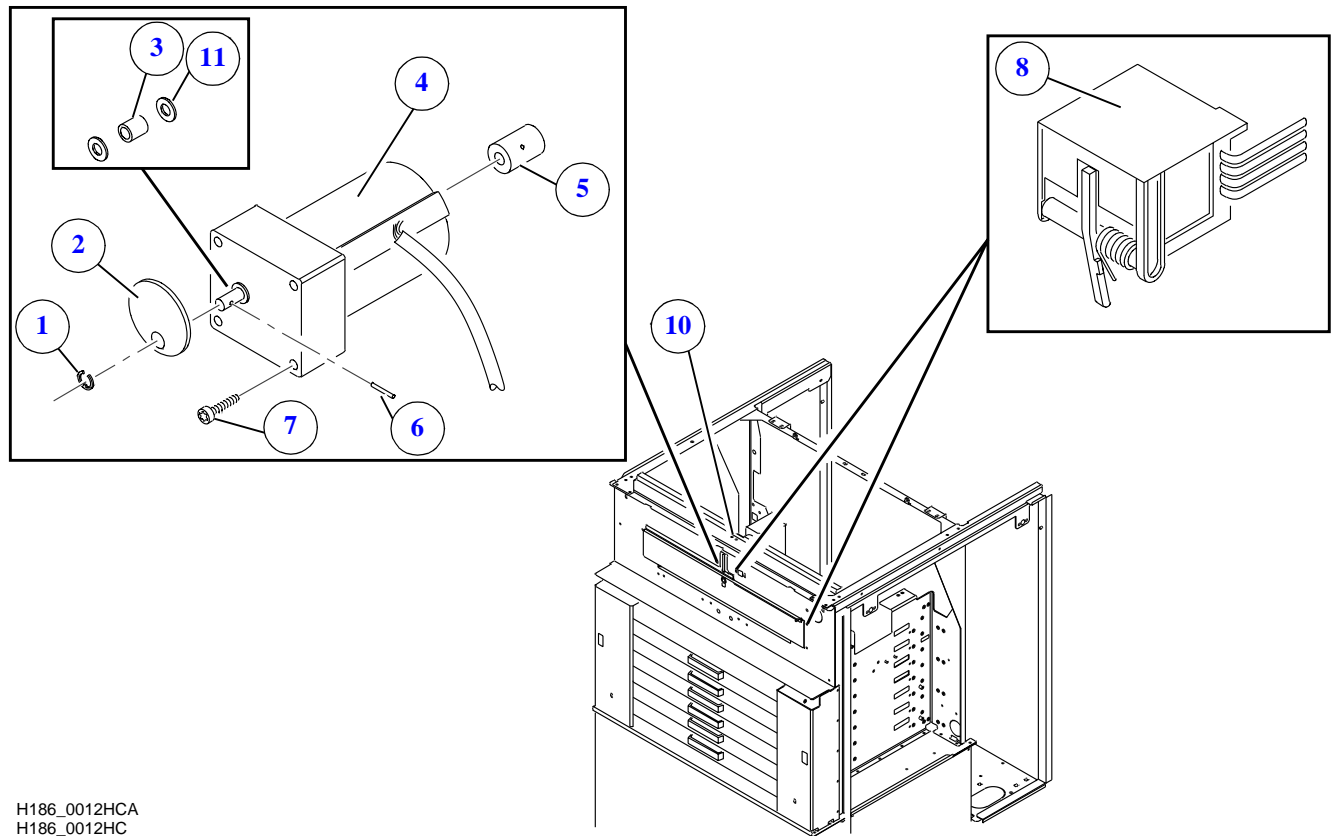


Figure 5 CASSETTE ENTRANCE MOTOR

Item	Part No.	Description	Quantity	Notes
1	4500566	CLIP - 6 mm (0.24 in.)	1	
2	9216681	CAM	1	
3	9407631S	BUSHING - motor, cassette entrance	1	
4	9228050	MOTOR - cassette input flap, M1	1	
5	9224600	KNOB	1	
6	4719376	PIN - 2 x 12 mm	1	
7	4283336	SCREW - M4 x 8	4	
8	9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	2	SENSOR B3, B4
10	9263051	SENSOR - interlock switch	1	
11	9407641S	WASHER - plastic	2	

CASSETTE TRANSPORT

Figure 6 TRANSPORT BELT

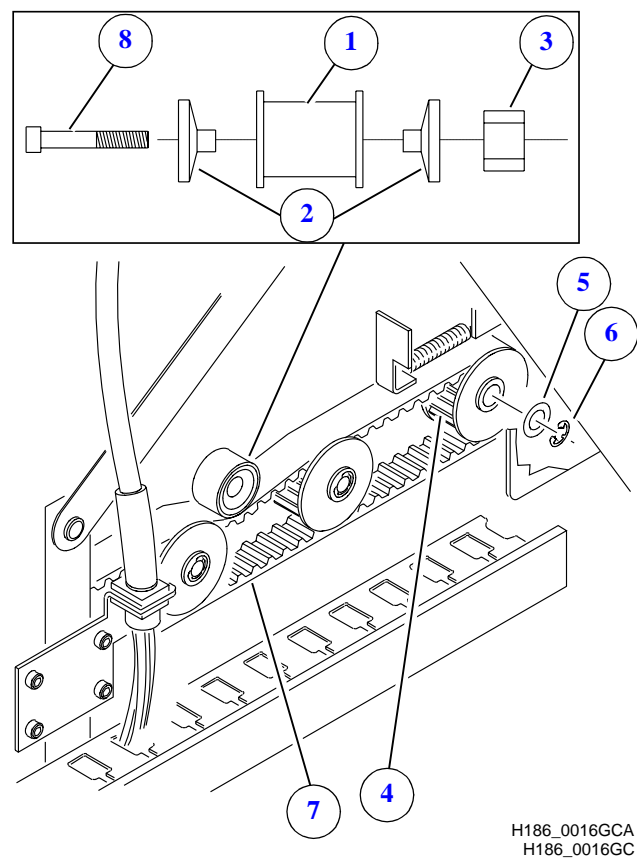


Figure 6 TRANSPORT BELT

Item	Part No.	Description	Quantity	Notes
1	8694189	PULLEY - idler	4	
2	9210773	BEARING	8	
3	4853251	LOCK NUT - M4	4	
4	9211851	GEAR - toothed	12	
5	9216771	WASHER - flange	12	
6	4500561	CLIP	12	
7	9211332	TIMING BELT	2	
8	4283997	BOLT	4	

Figure 7 ROLLERS

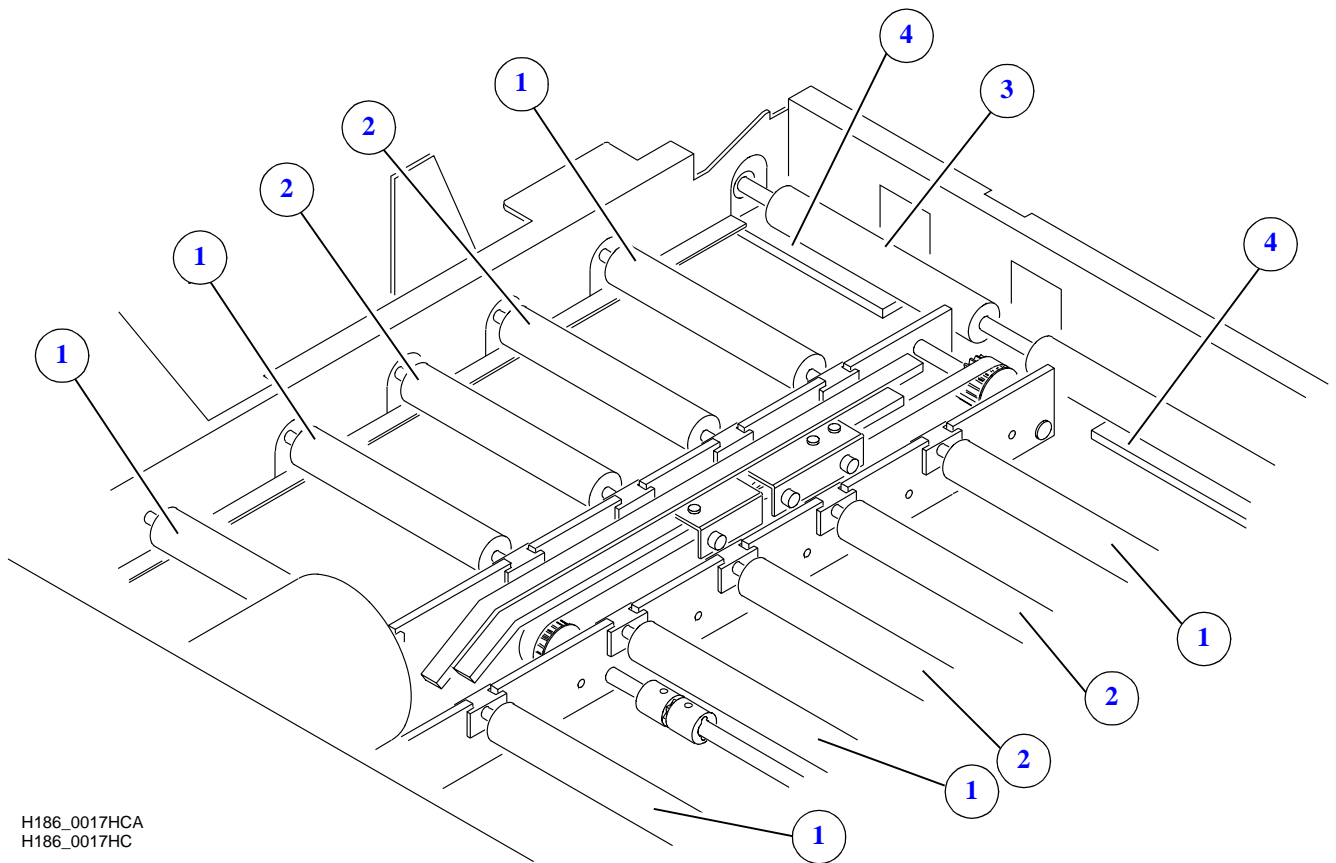


Figure 7 ROLLERS

Item	Part No.	Description	Quantity	Notes
1	9221383	ROLLER - foam transport, short	6	Includes a center hole.
2	9221400	ROLLER - rubber transport, short	4	
3	9403042P	TRANSPORT ROLLER - long	1	
4	9211931	GUIDE BLOCK	2	

Figure 8 TRANSPORT ROLLER - Short

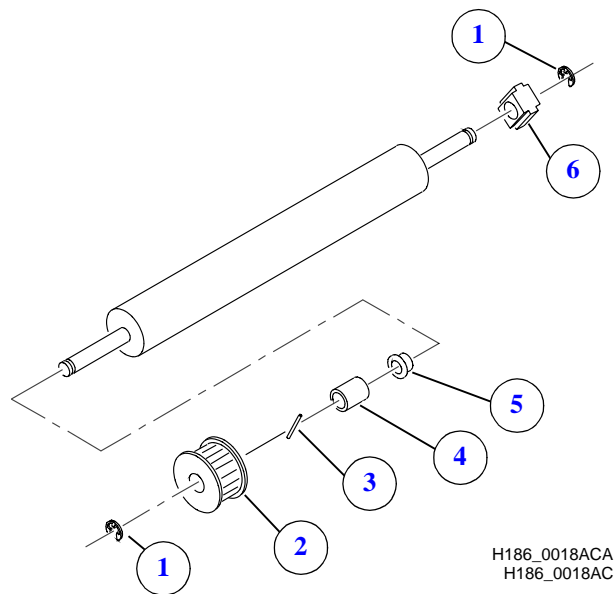


Figure 8 TRANSPORT ROLLER - Short

Item	Part No.	Description	Quantity	Notes
1	4500566	CLIP - 6 mm (0.24 in.)	2	
2	9211661	PULLEY	1	
3	4719341	PIN - 2.5 x 14 mm (0.09 x 0.55 in.)	1	
4	9211881	SPACER	1	
5	9227030	BEARING	1	
6	9223130	BEARING	1	

Figure 9 TRANSPORT ROLLER - Long

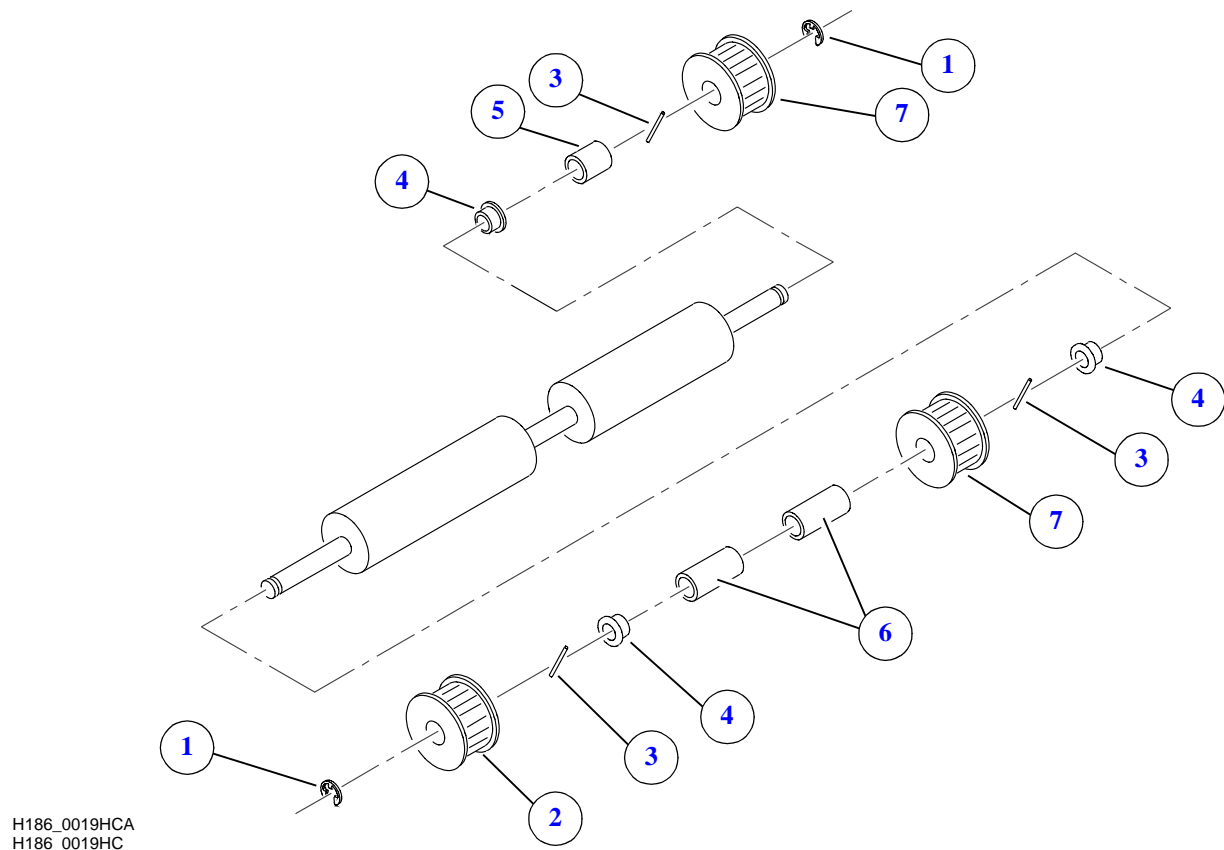
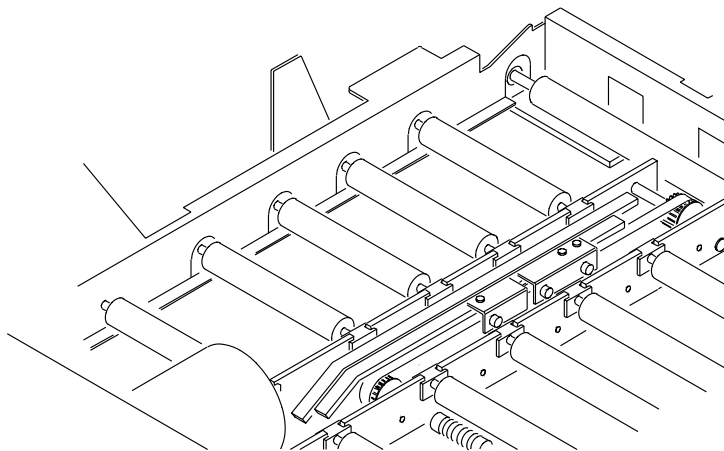
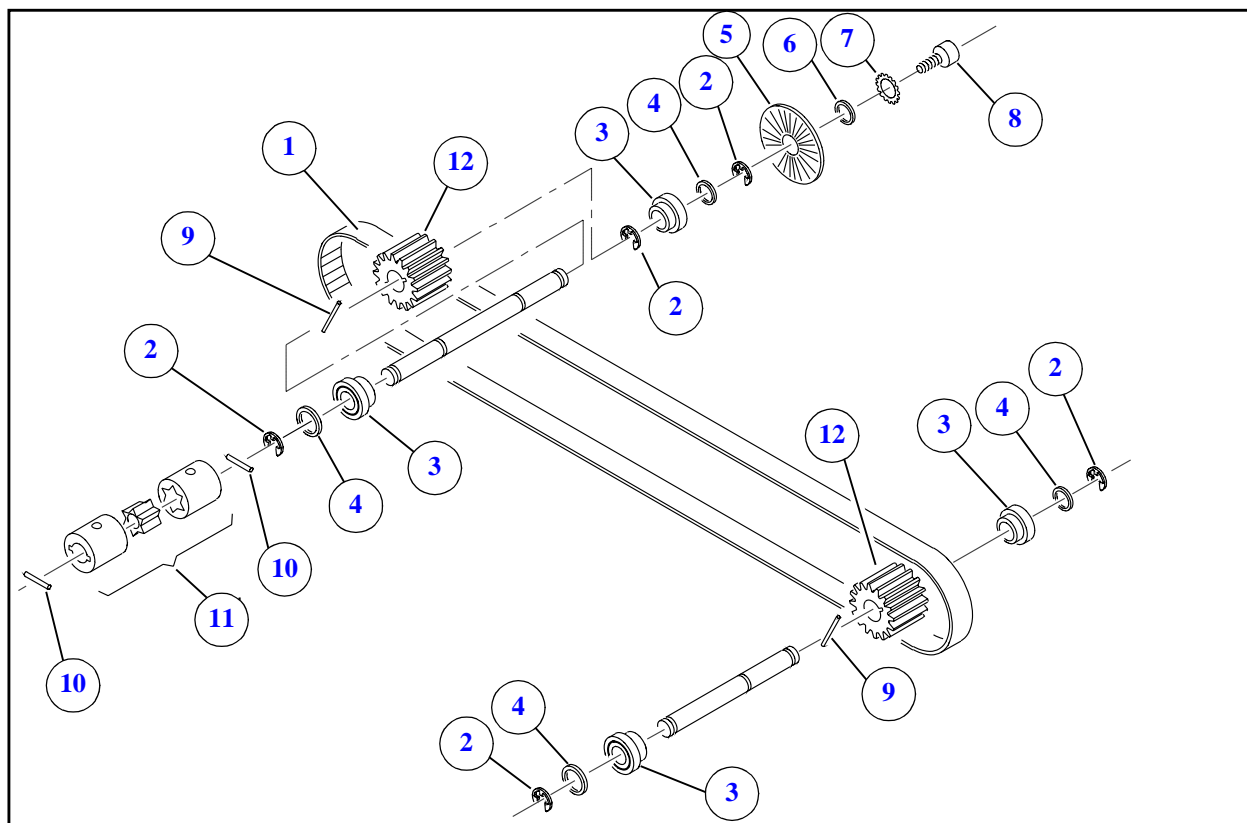


Figure 9 TRANSPORT ROLLER - Long

Item	Part No.	Description	Quantity	Notes
1	4500566	CLIP - 6 mm (0.24 in.)	2	
2	9211846	PULLEY	1	
3	4719341	PIN - 2.5 x 14 mm (0.09 x 0.55 in.)	3	
4	9227030	BEARING	3	
5	9211881	SPACER	2	
6	9211896	SPACER	2	
7	9211661	PULLEY	2	

Figure 10 FINGER DRIVE AY

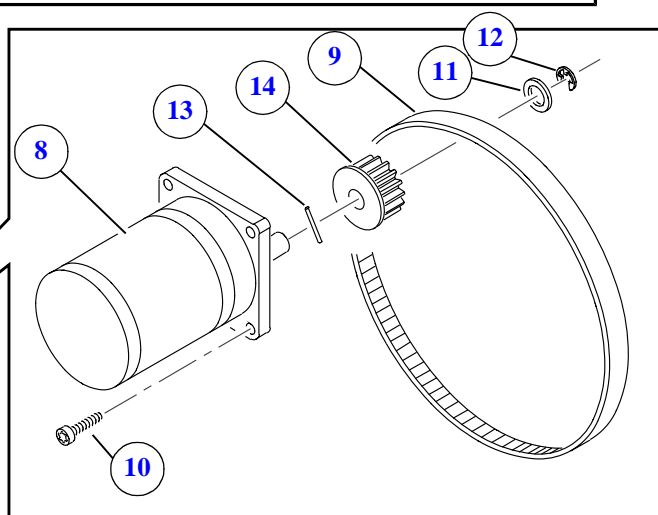
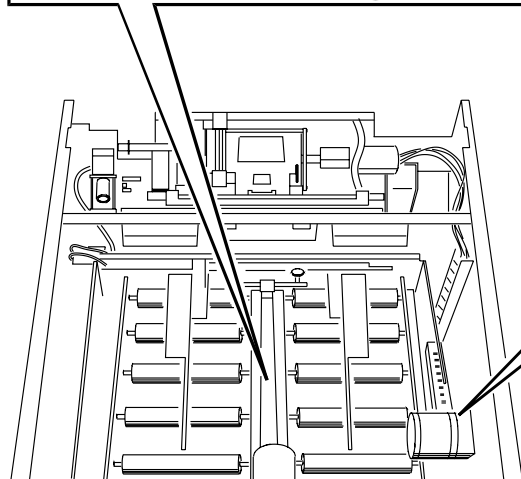
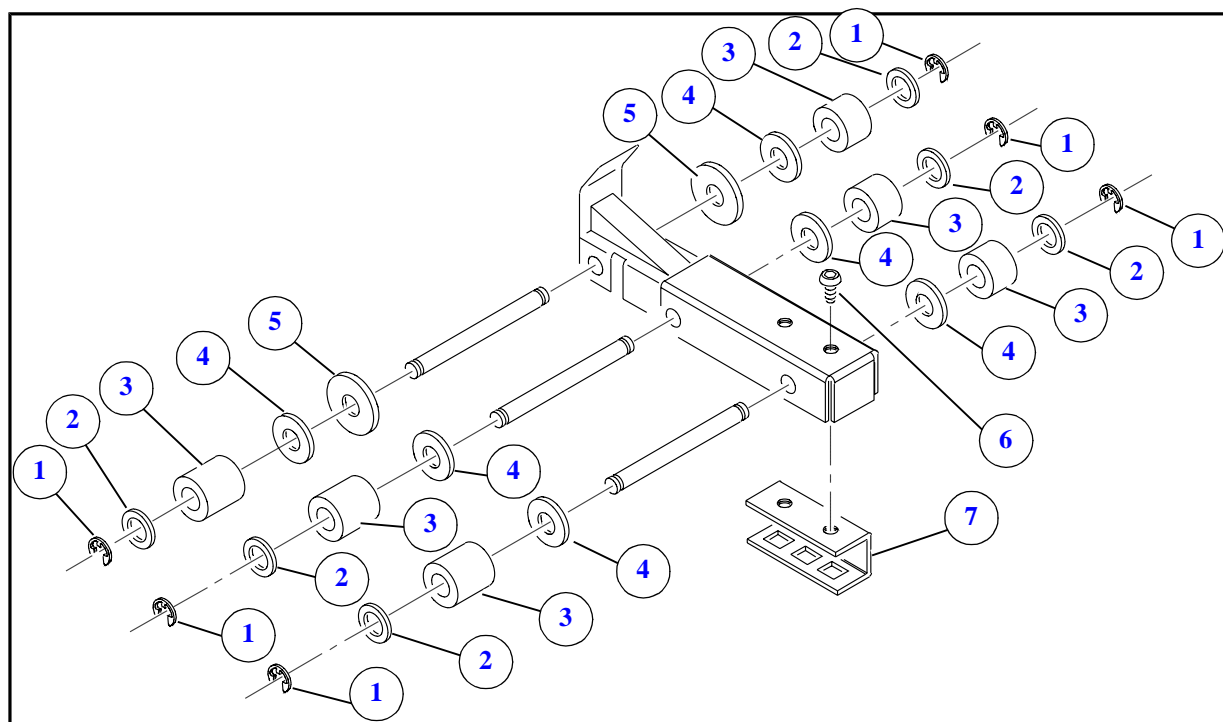


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Figure 10 FINGER DRIVE AY

Item	Part No.	Description	Quantity	Notes
1	9221320	TIMING BELT	1	
2	4486246	CLIP - 6 mm (0.24 in.)	5	
3	9227030	BEARING	4	
4	4480536	WASHER - 8.1 mm (0.319 in.)	4	
5	9228620	BOARD - cassette width, A10	1	
6	4480516	WASHER - 2.7 mm (0.106 in.)	1	
7	4500106	WASHER - toothed, 2.7 mm (0.10 in.)	1	
8	4281146	SCREW - M2.5 x 12	1	
9	4719341	PIN - 2.5 x 14 mm (0.09 x 0.55 in.)	2	
10	9222550	PIN - 2.5 x 12 mm (0.09 x 0.47 in.)	2	Includes: <ul style="list-style-type: none"> • CENTER STAR DRIVE • END COUPLERS • SETSCREWS
11	9407711S	FLEXIBLE DRIVE AY	1	
12	9211681	DRIVE GEAR	2	

Figure 11 FINGER AY and DRIVE MOTOR



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Figure 11 FINGER AY and DRIVE MOTOR

Item	Part No.	Description	Quantity	Notes
1	4500521	CLIP - 4 mm (0.15 in.)	6	
2	4480266	WASHER - 5.08 mm (0.2 in.)	6	
3	9211571	ROLLER	6	
4	9221210	WASHER	6	
5	9211581	WASHER	2	
6	4281331	SCREW - M3 x 6	2	
7	9211251	BRACKET	1	
8	9228040	MOTOR - holding finger, M3	1	
9	9221310	BELT	1	
10	4283121	SCREW - M4 x 10	4	
11	9211731	WASHER	1	
12	4486246	CLIP - 6 mm (0.24 in.)	1	
13	4719341	PIN - 2.5 x 14 mm (0.09 x 0.55 in.)	1	
14	9211851	GEAR - toothed	1	

Figure 12 SENSORS

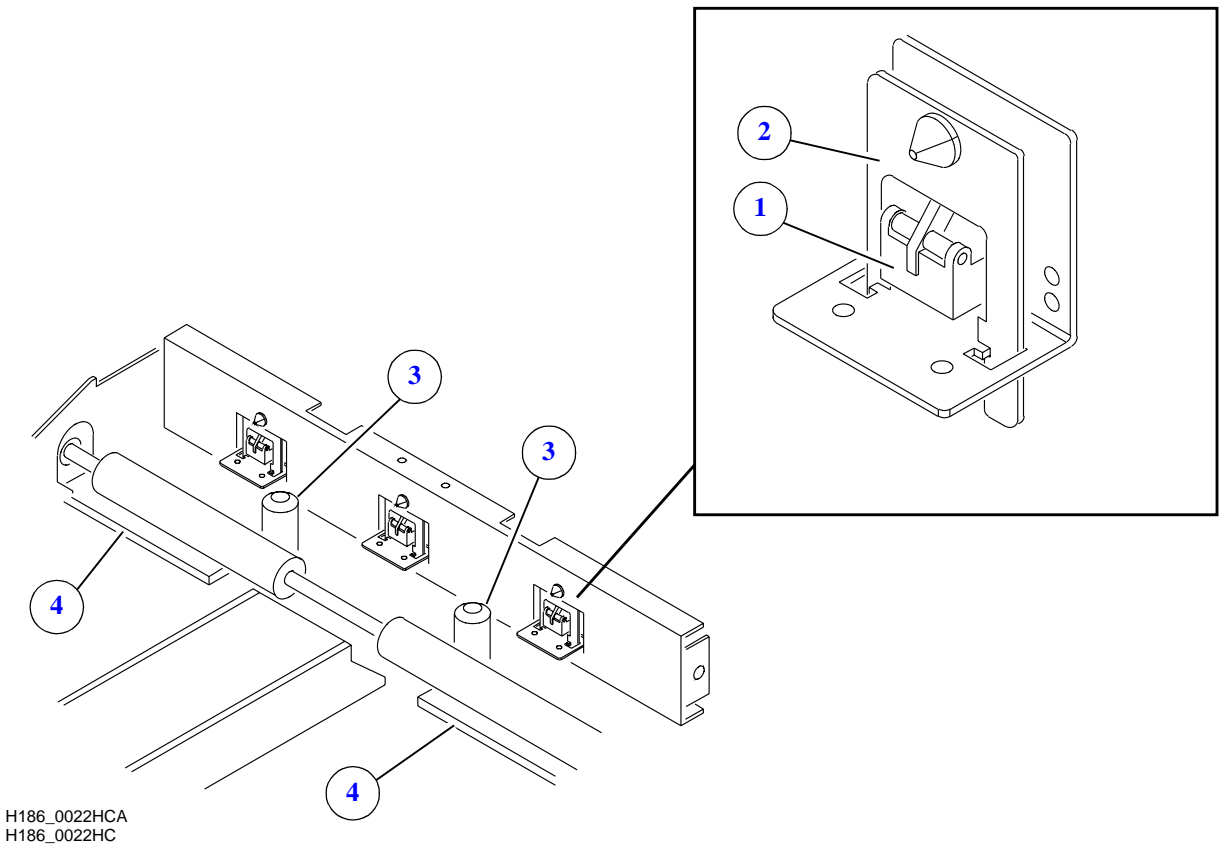
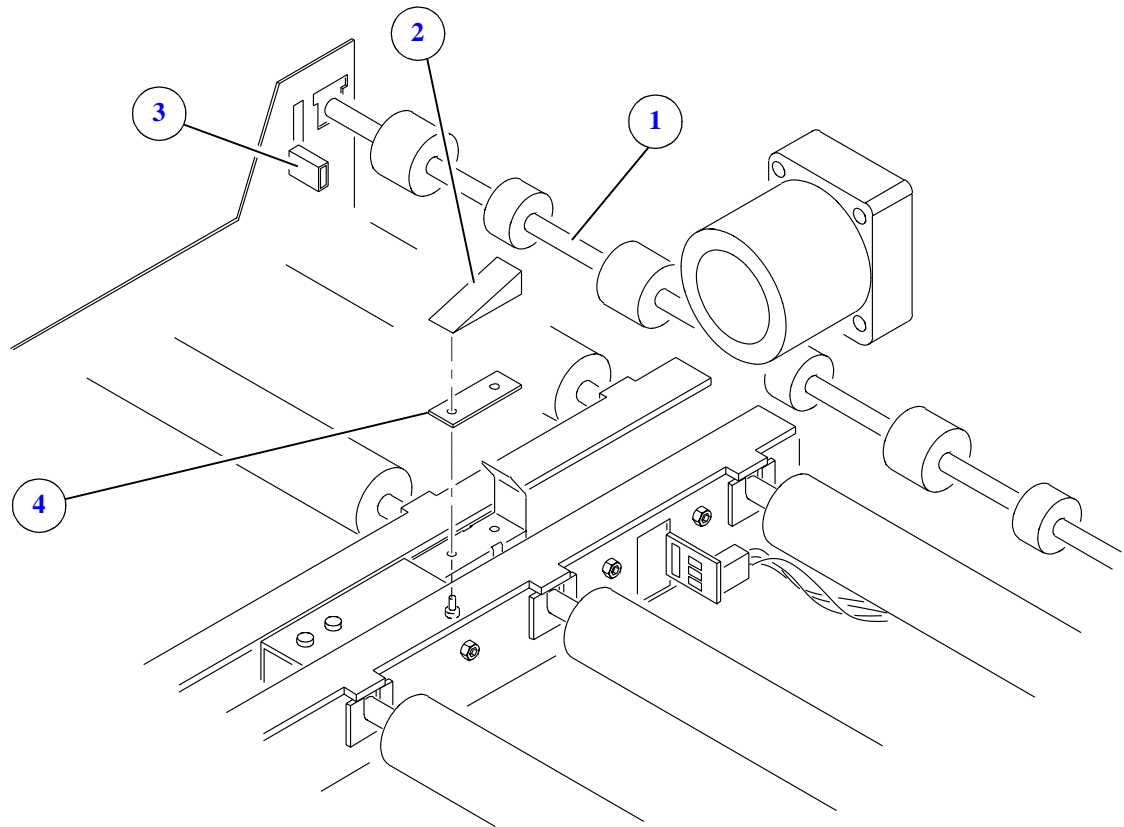


Figure 12 SENSORS

Item	Part No.	Description	Quantity	Notes
1	9228950	SENSOR - B5, B6, B7, B9, B10	3	SENSOR B5, B6, B7
2	9212741	ACTUATOR	3	
3	9211541	CASSETTE SUPPORT	2	
4	9211931	GUIDE BLOCK	2	

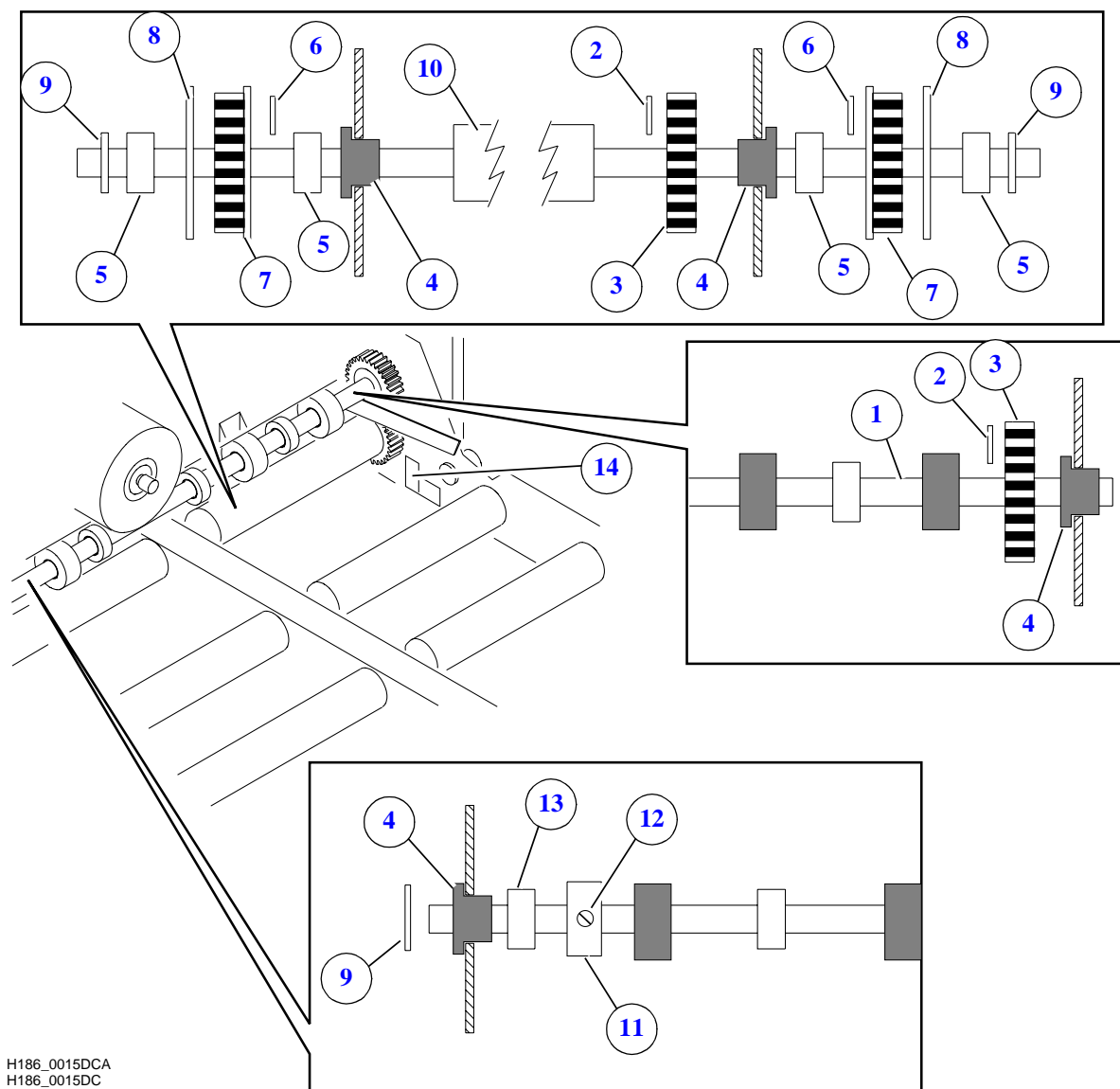
Figure 13 ENTRANCE ROLLER and GUIDE SHOE

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Figure 13 ENTRANCE ROLLER and GUIDE SHOE

Item	Part No.	Description	Quantity	Notes
1	9216916	PRESSURE ROLLER AY	1	SENSOR B24
2	9222780	GUIDE SHOE	1	
3	9228980	SENSOR - B24, B60	1	
4	9211651	SPACER	1	

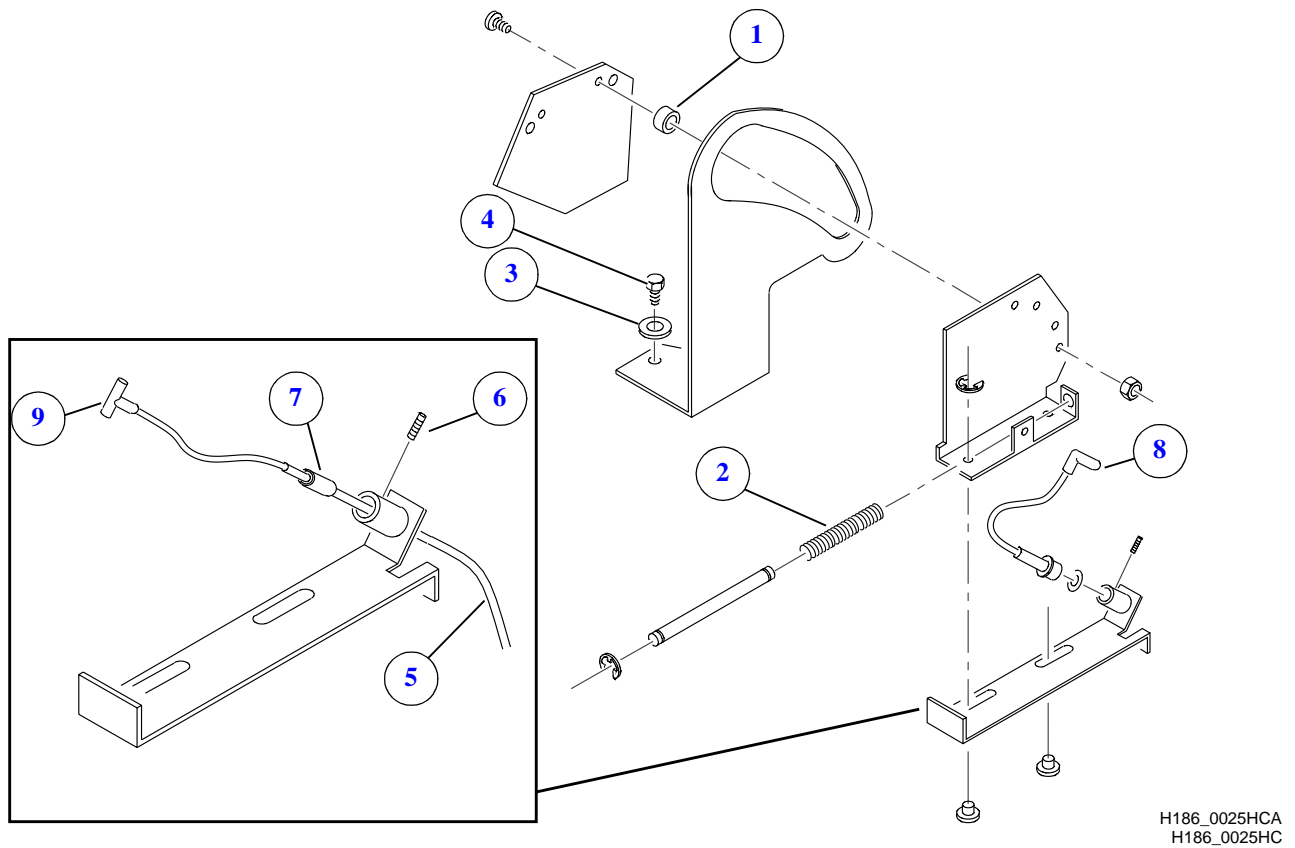
Figure 14 ENTRANCE ROLLER - Lower



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Figure 14 ENTRANCE ROLLER - Lower

Item	Part No.	Description	Quantity	Notes
1	9216916	PRESSURE ROLLER AY	1	
2	4719422	PIN - 2.5 mm (0.09 in.)	2	
3	8924019	PULLEY - toothed	2	
4	9218031	BEARING	4	
5	9219101	SPACER	3	
6	4719341	PIN - 2.5 x 14 mm (0.09 x 0.55 in.)	2	
7	9211851	GEAR - toothed	2	
8	9216771	WASHER - flange	2	
9	4500561	CLIP	3	
10	9221383	ROLLER - foam transport, short	2	
11	4440031	COLLAR - lock	1	
12	4269300	SCREW - lock collar	1	
13	9212971	SPACER	1	
14	9189541	REFLECTIVE FOIL	1	

Figure 15 BLOW PIPE AY**Figure 15 BLOW PIPE AY**

Item	Part No.	Description	Quantity	Notes
1	9222446	BLOW PIPE AY - complete, left	1	
	9222596	BLOW PIPE AY - complete, right	1	
	9222570	SPACER	1	
2	9222610	SPRING	1	
3	4480032	WASHER - 4.3 mm (0.16 in.)	4	
4	4283121	SCREW - M4 x 10	4	
5	9222442	BLOW PIPE - left	1	
	9222591	BLOW PIPE - right	1	
6	4278296	SCREW - M3 x 3	1	
7	9220020	INSULATING TUBE - approximately 15 mm (0.6 in.) long	1	
8	9403121S	L-CONNECTOR AIR BLOW - cassette	1	
9	9403131S	T-CONNECTOR AIR BLOW - cassette	1	

Figure 16 BLOWPIPE HOSE and SENSOR

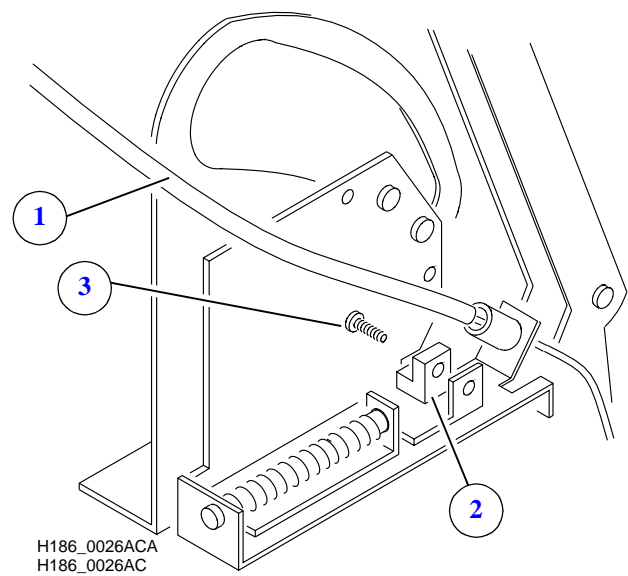


Figure 16 BLOWPIPE HOSE and SENSOR

Item	Part No.	Description	Quantity	Notes
1	9220170	HOSE - 3 mm (0.11 in.), blue, PU-PK3	1	Order by the length of 1 m (3.25 ft)
2	9228991	SENSOR - B17, B18, B20, B21, B22, B35	6	SENSOR B21, B22
3	4283186	SCREW - M3 x 12	2	

Figure 17 ENCODER

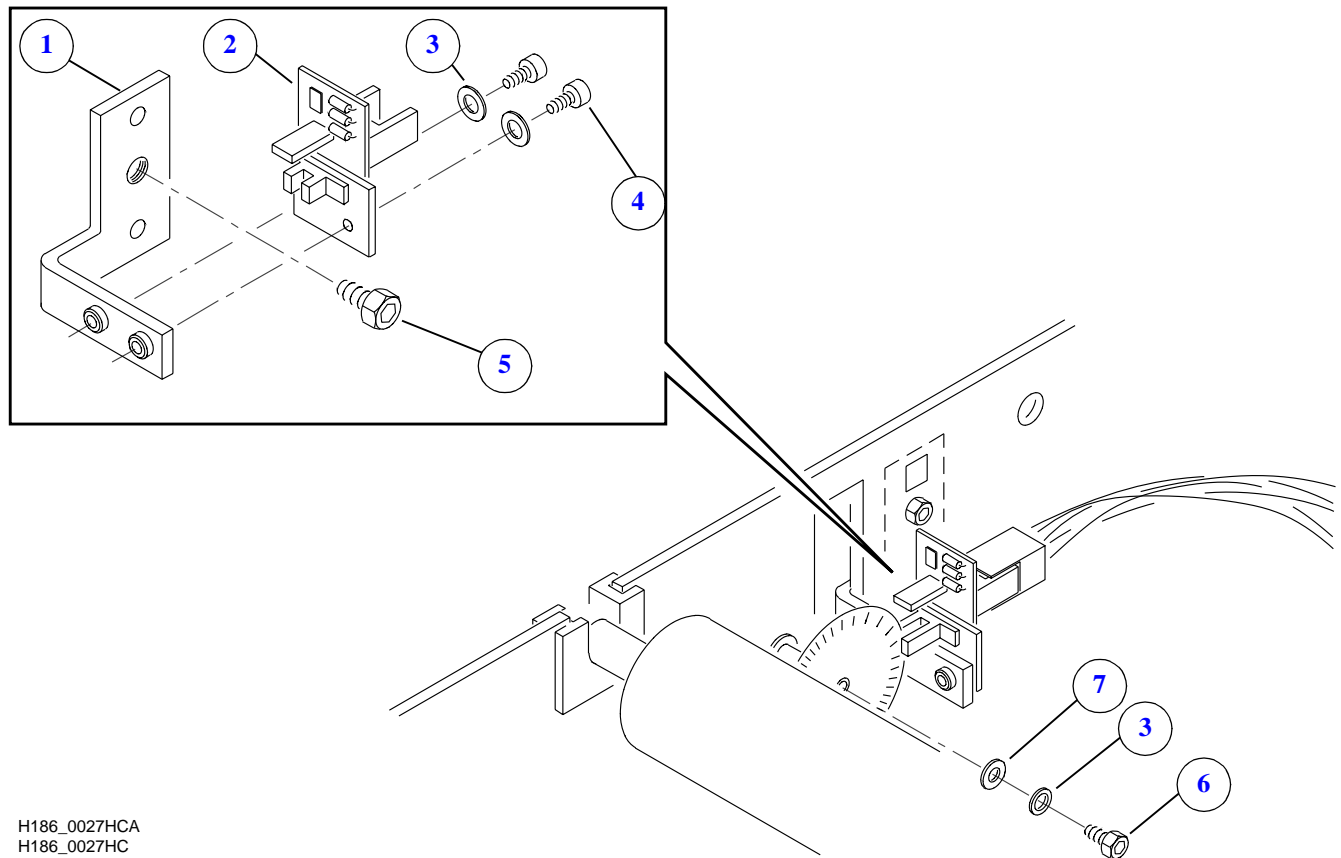
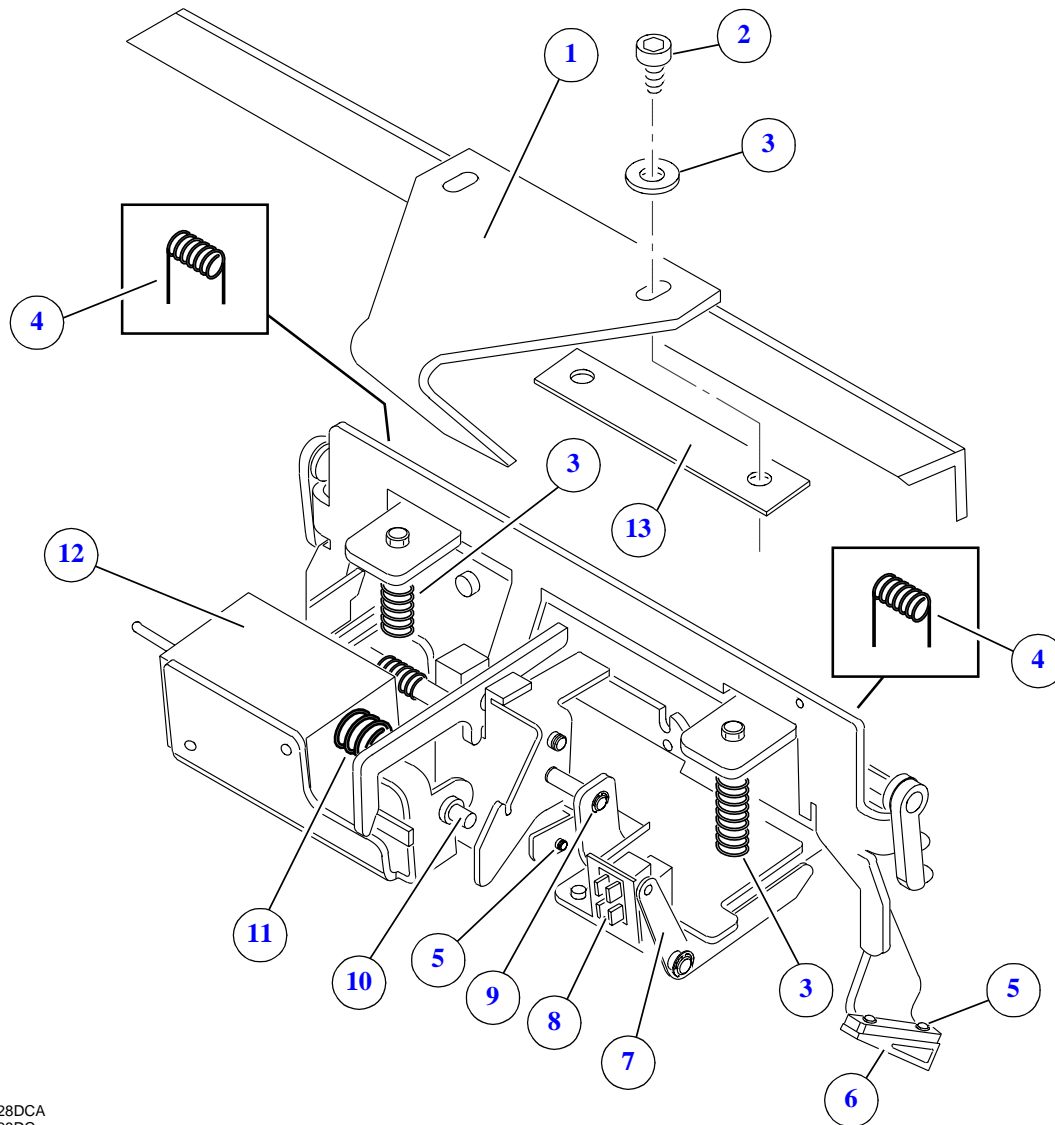


Figure 17 ENCODER

Item	Part No.	Description	Quantity	Notes
1	H9211241	BRACKET	1	Includes a CODE DISK and SENSOR B8.
2	9228620	BOARD - cassette width, A10	1	
3	4500106	WASHER - toothed, 2.7 mm (0.10 in.)	3	
4	4283286	SCREW - M3 x 6	2	
5	4283121	SCREW - M4 x 10	1	
6	4281146	SCREW - M2.5 x 12	1	
7	4480516	WASHER - 2.7 mm (0.106 in.)	1	

Figure 18 CASSETTE OPENER

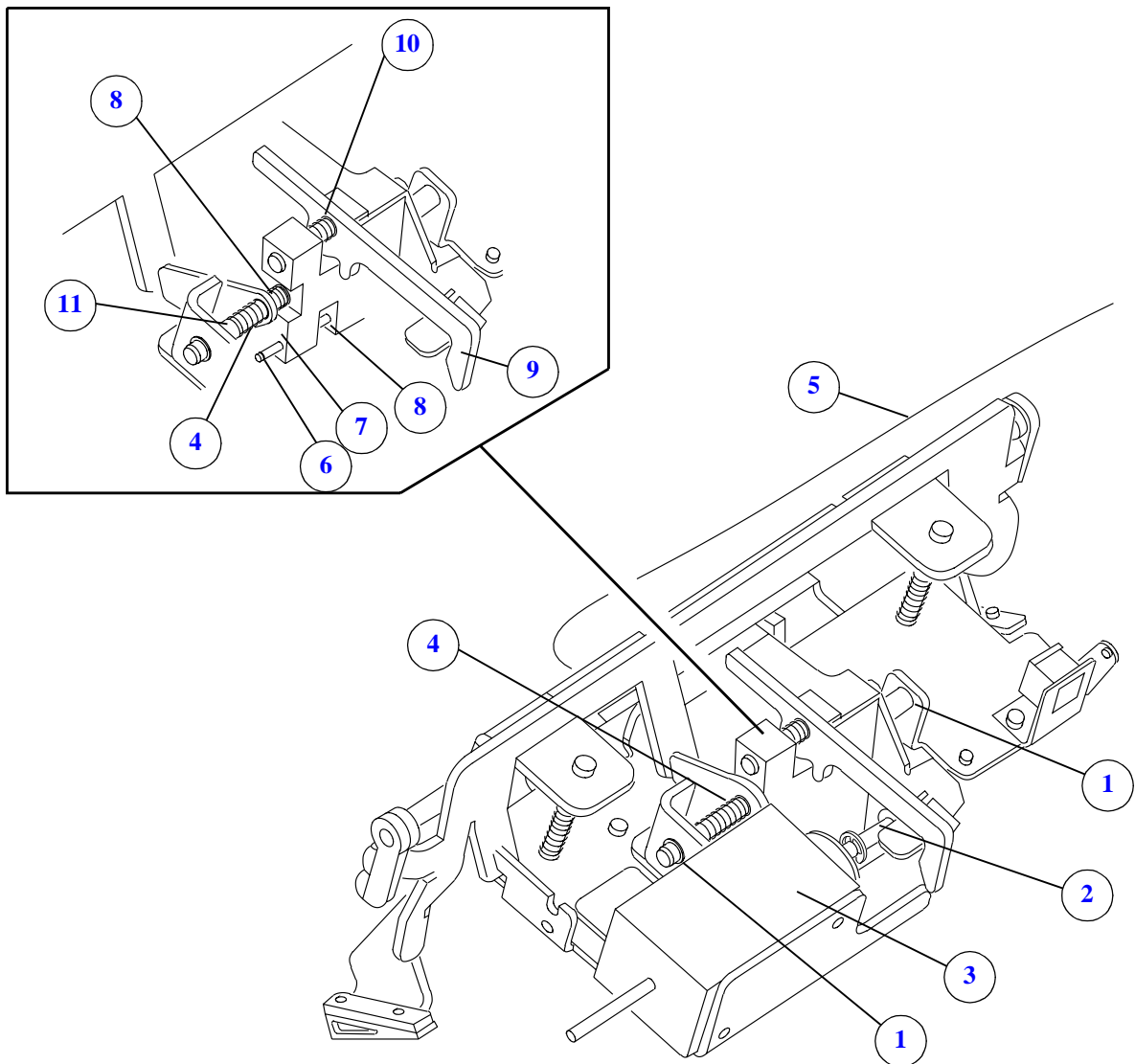


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Figure 18 CASSETTE OPENER

Item	Part No.	Description	Quantity	Notes
1	9212771	TENSIONER	1	
2	4283131	SCREW - M5 x 12	2	
3	4480406	WASHER - 5.3 mm (0.20 in.)	2	
4	9222230	SPRING	2	
5	4500586	CLIP - 1.9 mm (0.07 in.)	4	
6	9222780	GUIDE SHOE	2	
7	9212192	ACTUATOR	1	
8	9228960	SENSOR - B16	1	
9	9222050	BEARING	1	
10	9222260	OPENER PIN AY	1	
11	9224450	SPRING	1	
12	9222111	SOLENOID - Y1, Y4	1	SOLENOID Y4
13	9215111	PLATE - threaded	1	

Figure 19 CASSETTE OPENER AY



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H186_0046DC

Figure 19 CASSETTE OPENER AY

Item	Part No.	Description	Quantity	Notes
1	9222076	CASSETTE OPENER AY - complete	1	
2	9222050	BEARING	2	
3	9222261	OPENER PIN AY	1	Includes CLIP.
4	9222111	SOLENOID - Y1, Y4	1	SOLENOID Y4
5	9222690	SPRING	1	
6	9228730	WIRE HARNESS - opener	1	
7	4500586	CLIP - 1.9 mm (0.07 in.)	1	
8	9222480	OPENER SHOVEL	1	
9	9222621	SPRING	2	
10	9212212	SHOVEL HOOK	1	
11	9222680	SPRING - shovel hook	1	
11	9212921	SPACER	5	Inside of Item 4.

Figure 20 MOTOR M5 and CHAIN

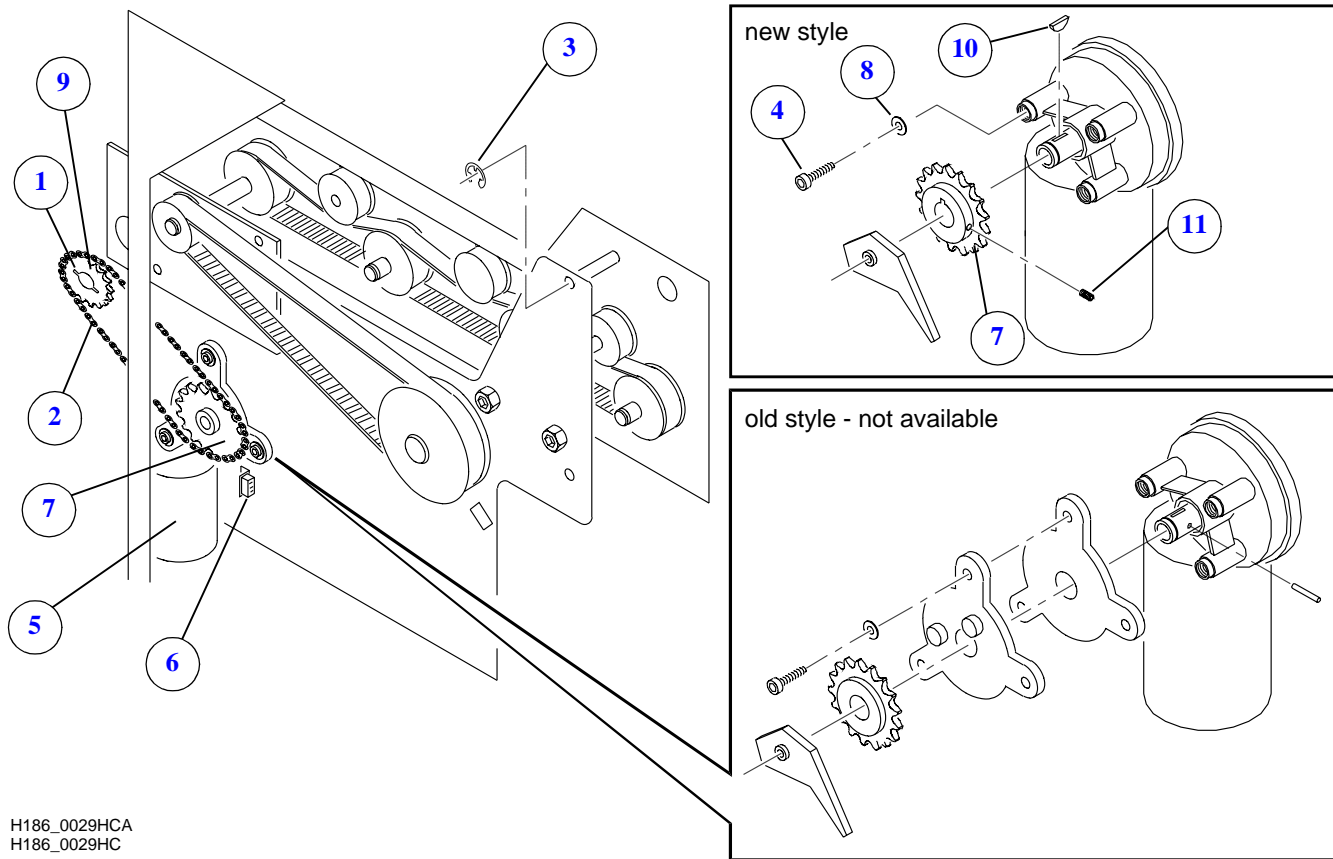
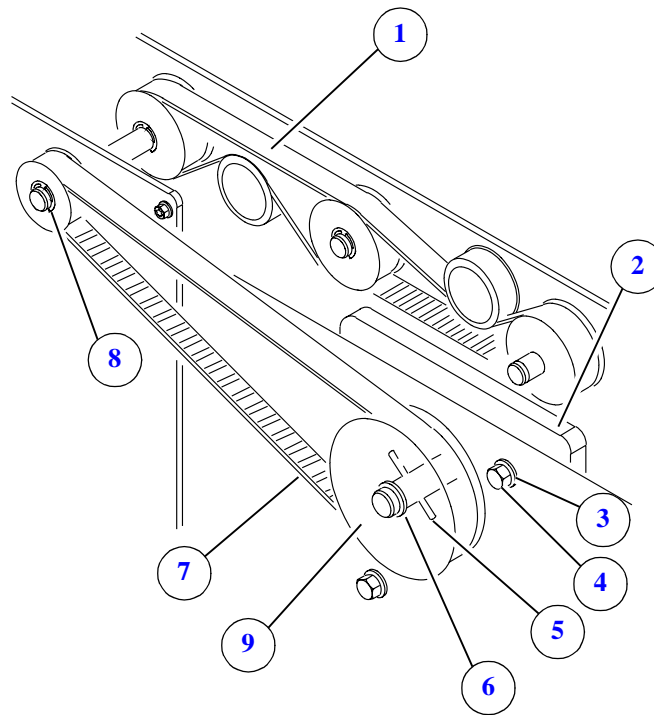


Figure 20 MOTOR M5 and CHAIN

Item	Part No.	Description	Quantity	Notes
1	9212831	PIN - 2.5 x 16 mm (0.09 x 0.62 in.)	1	
2	9404811S	CHAIN - 50 link	1	
	9184176	LINK - master	1	Not visible in graphic.
3	4500606	CLIP - 3.2 mm (0.12 in.)	4	
4	4281756	SCREW - M6 x 16	3	
5	9228020	MOTOR - cassette opener, M5	1	
6	9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	1	SENSOR B15
7	H9212416	SPROCKET KIT	1	Includes: • KEY • SETSCREW • SPROCKET - 21 TOOTH
8	4480166	WASHER - 6.4 mm (0.24 in.)	3	
9	9212401	SPROCKET - 15 tooth	1	
10	9405971S	KEY	1	
11	H4276310	SETSCREW	1	

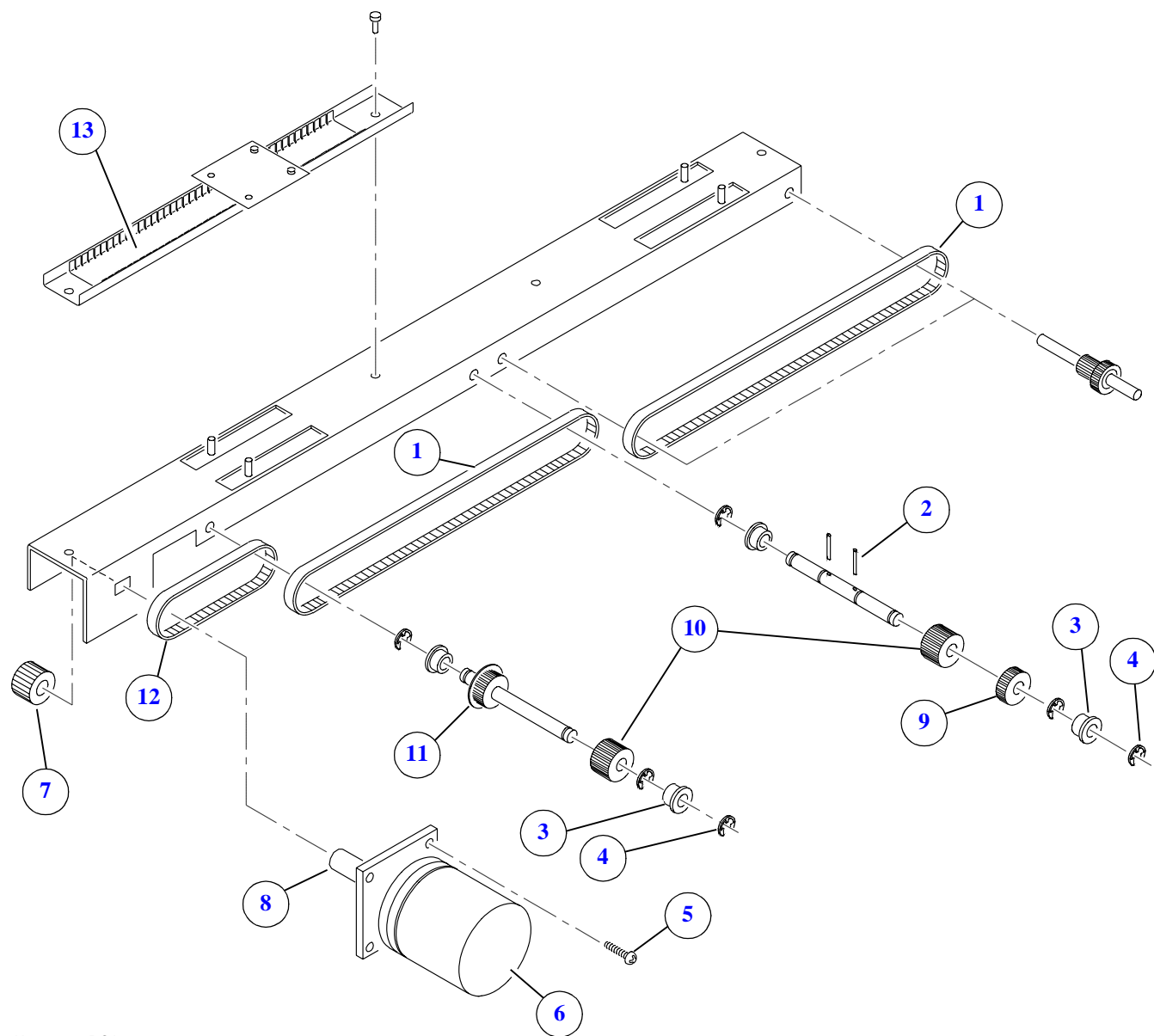
Figure 21 MOTOR M2 and BELTS

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H186_0030GC

Figure 21 MOTOR M2 and BELTS

Item	Part No.	Description	Quantity	Notes
1	9221330	BELT	2	Order Item 6 with the MOTOR.
2	9228010	MOTOR - cassette input, M2	1	
3	4480176	WASHER - 5.3 mm (0.20 in.)	3	
4	4283116	SCREW - M6 x 26	3	
5	9212831	PIN - 2.5 x 16 mm (0.09 x 0.62 in.)	2	
6	4500416	RETAINING RING	1	
7	9221160	TIMING BELT	1	
8	4486246	CLIP - 6 mm (0.24 in.)	1	
9	H9211836	PULLEY	1	

Figure 22 MOTOR M4 and BELTS

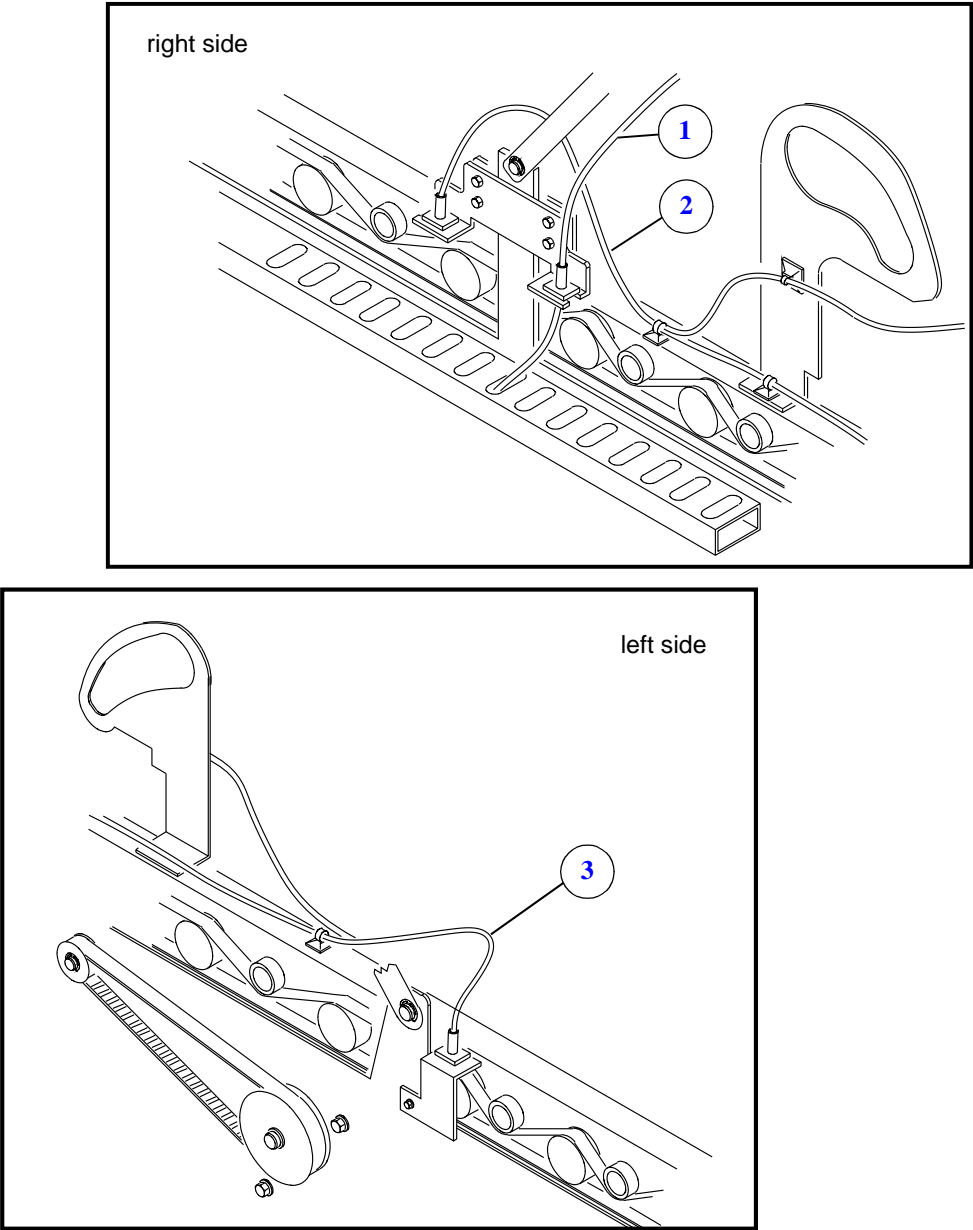


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Figure 22 MOTOR M4 and BELTS

Item	Part No.	Description	Quantity	Notes
1	9221130	TIMING BELT	2	
2	9222550	PIN - 2.5 x 12 mm (0.09 x 0.47 in.)	6	
3	9227030	BEARING	6	
4	4486246	CLIP - 6 mm (0.24 in.)	12	
5	4283121	SCREW - M4 x 10	4	
6	9228030	MOTOR - cassette centering, M4	1	
7	9221850	DRIVE GEAR	1	
8	9211731	WASHER	1	
9	9211451	DRIVE GEAR	1	
10	9211681	DRIVE GEAR	2	
11	9221850	DRIVE GEAR	1	
12	9221140	TIMING BELT	1	
13	9211342	SLIDE AY	2	Includes BEARINGS.

Figure 23 WIRING HARNESSSES



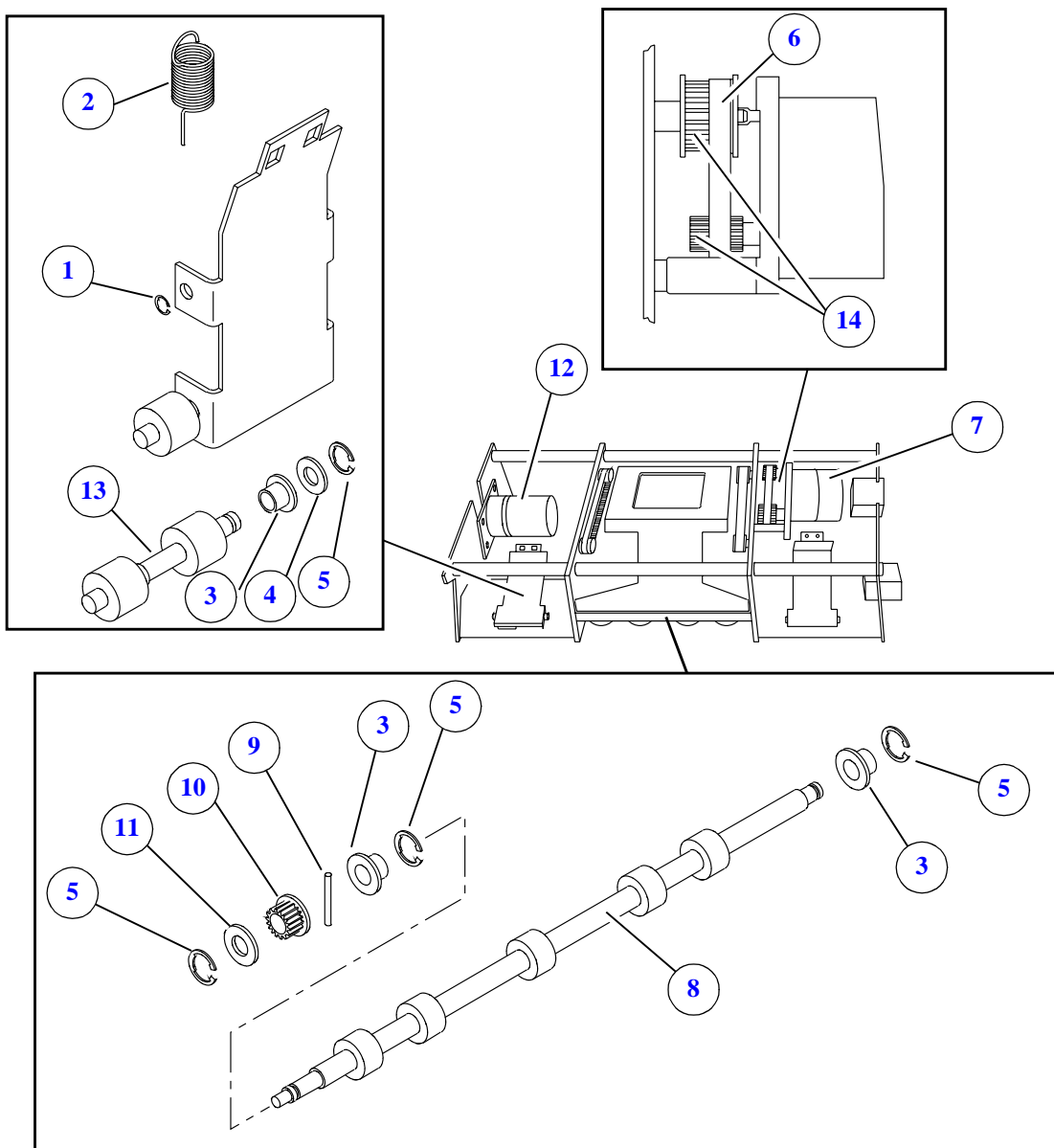
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H186_0032DC

Figure 23 WIRING HARNESSSES

Item	Part No.	Description	Quantity	Notes
1	9404441S	WIRE HARNESS - left	1	
2	9228746	WIRE HARNESS - short	1	
3	9403361S	WIRE HARNESS - right	1	

CONVEYOR

Figure 24 MOTORS M6/M7 and SHAFTS

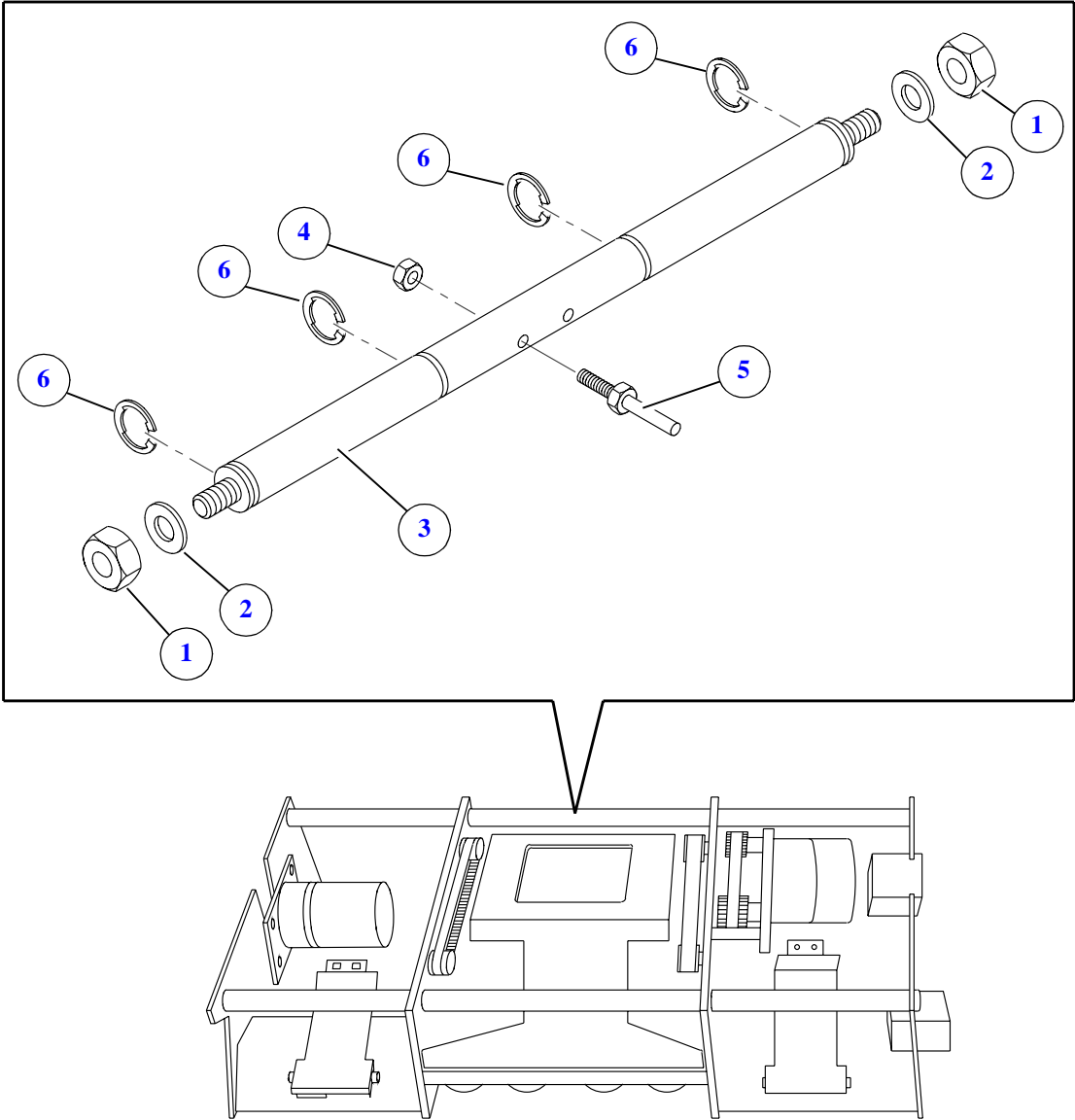


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Figure 24 MOTORS M6/M7 and SHAFTS

Item	Part No.	Description	Quantity	Notes
1	4500521	CLIP - 4 mm (0.15 in.)	2	
2	9223410	SPRING	2	
3	9227040	BEARING	10	
4	9213301	WASHER	2	
5	4500566	CLIP - 6 mm (0.24 in.)	10	
6	9223400	TIMING BELT	1	
7	9228100	MOTOR - cassette film pickup, M6	1	
8	9223091	ROLLER SHAFT	5	
9	4719361	PIN - 2.5 x 10 mm (0.09 x 0.39 in.)	4	
10	9221020	PULLEY	3	
11	9213311	WASHER	3	
12	9228110	MOTOR - roller pickup, M7	1	
13	9223140	ROLLER/SHAFT AY	2	Includes items 3, 4 and 5.
14	9211681	DRIVE GEAR	2	

Figure 25 SHAFT AY



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H186_0056DC

Figure 25 SHAFT AY

Item	Part No.	Description	Quantity	Notes
1	4853146	NUT	2	
2	4480596	WASHER - 8.4 mm (0.33 in.)	2	
3	9226170	SHAFT	1	
4	4852766	NUT	2	
5	9213121	SHAFT	1	
6	4500596	CLIP - 12 mm (0.47 in.)	4	

Figure 26 SUCKER BAR AY

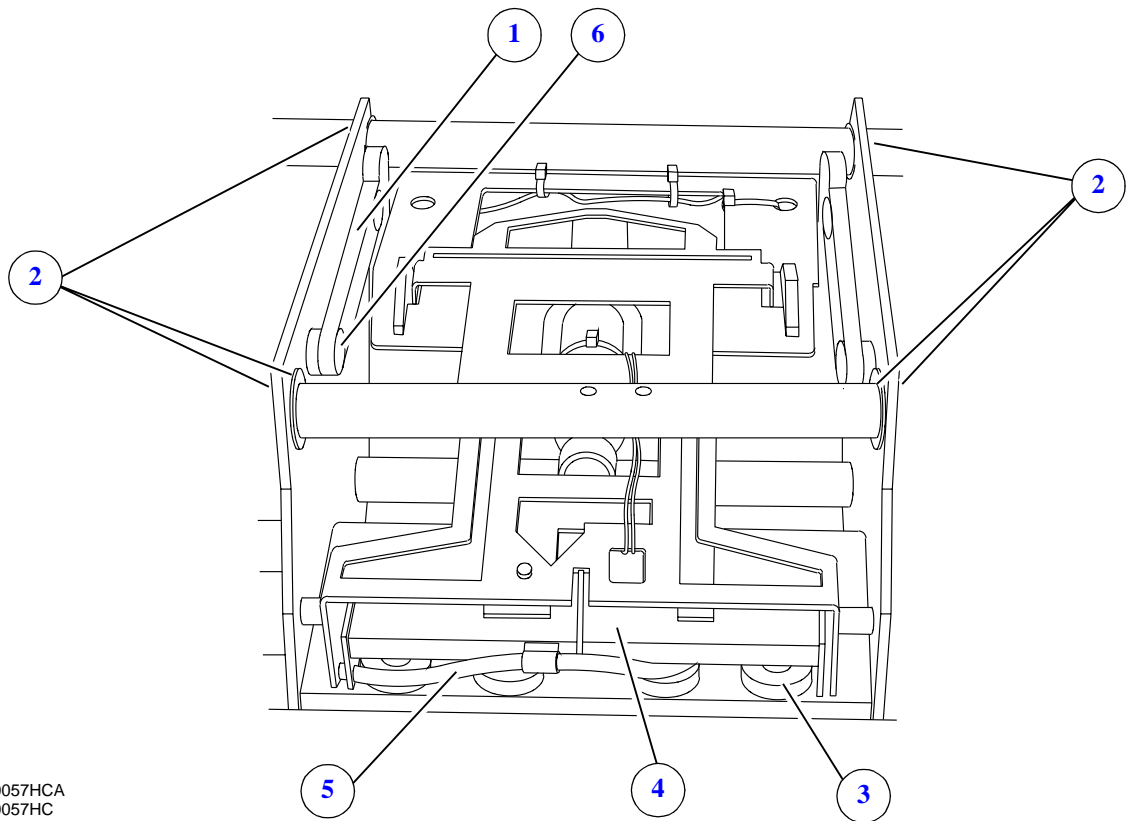
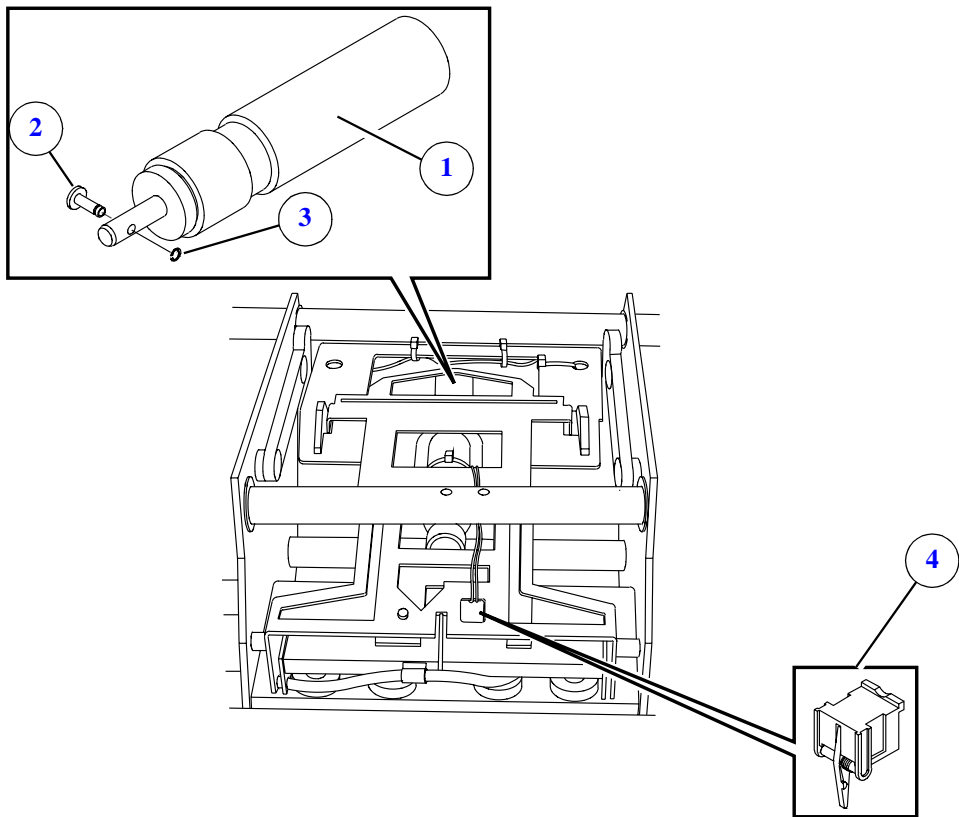


Figure 26 SUCKER BAR AY

Item	Part No.	Description	Quantity	Notes
1	9223680	SUCKER BAR AY - complete	1	
2	9223390	TIMING BELT	2	
2	4500596	CLIP - 12 mm (0.47 in.)	8	
3	9223670	SUCKER - cassette	4	
4	9184686	SUCKER BAR	1	
5	9185736	HOSE	1	
6	9213431	PULLEY	4	

Figure 27 SOLENOID Y7

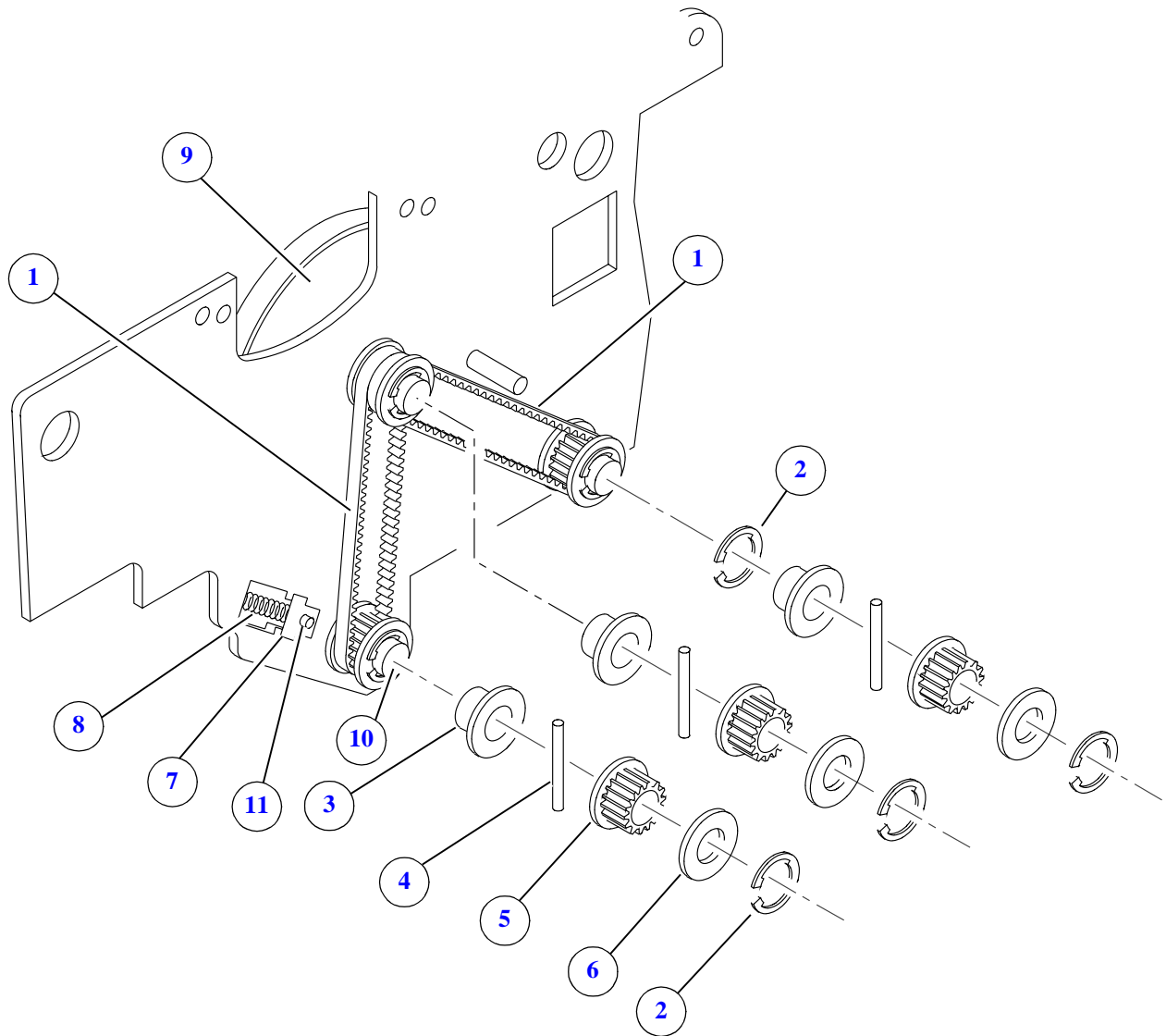


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Figure 27 SOLENOID Y7

Item	Part No.	Description	Quantity	Notes
1	9223370	SOLENOID - Y7	1	
2	9213611	PIN	1	
3	4500551	CLIP - 2.3 mm (0.09 in.)	1	
4	9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	1	SENSOR B19

Figure 28 MOTOR M7 and ROLLERS

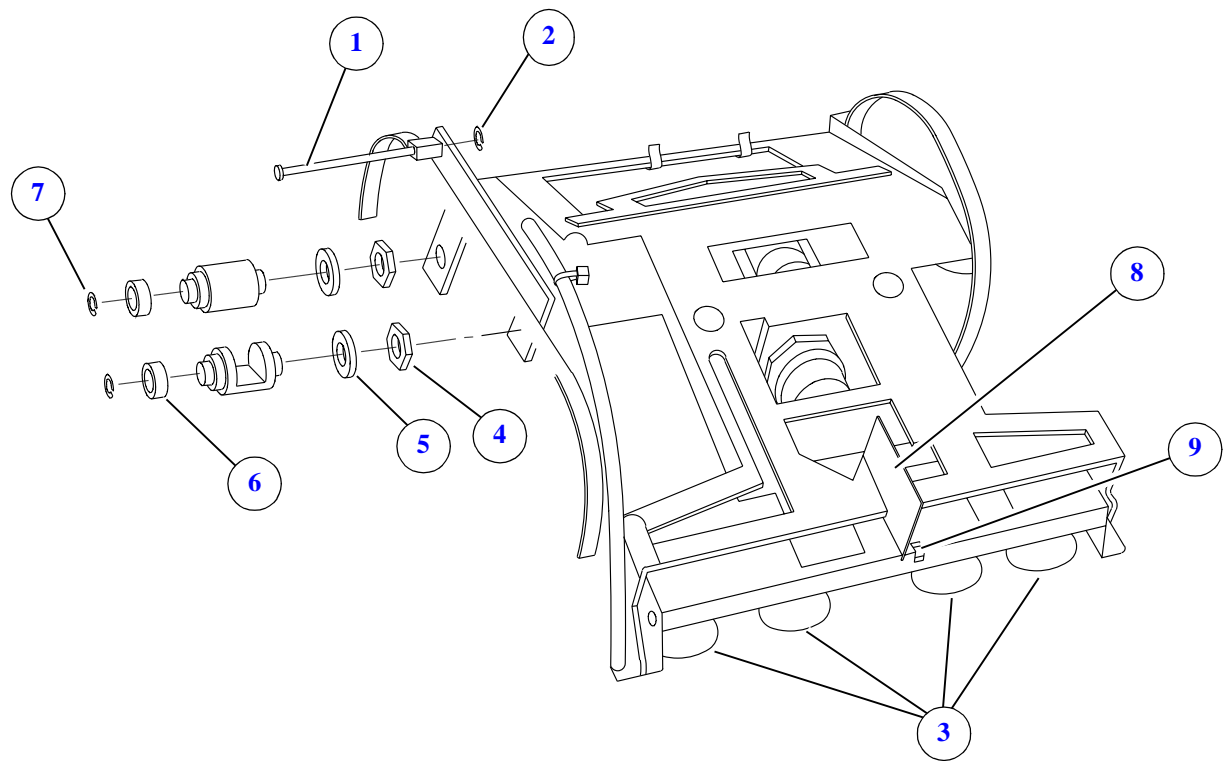


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Figure 28 MOTOR M7 and ROLLERS

Item	Part No.	Description	Quantity	Notes
1	9223150	BELT - black	2	
2	4500566	CLIP - 6 mm (0.24 in.)	6	
3	9227020	BEARING	3	
4	4719361	PIN - 2.5 x 10 mm (0.09 x 0.39 in.)	3	
5	9221020	PULLEY	3	
6	9213311	WASHER	3	
7	9223910	BEARING	2	
8	9223360	SPRING - bearing	2	
9	9228110	MOTOR - roller pickup, M7	1	
10	9223100	ROLLER SHAFT	1	4 ROLLERS
11	9223081	ROLLER SHAFT	1	4 ROLLERS

Figure 29 SUCKERS and BEARINGS



H186_0076HCA
H186_0076HC

Figure 29 SUCKERS and BEARINGS

Item	Part No.	Description	Quantity	Notes
1	9223050	SHAFT	2	With MIRROR.
2	4500586	CLIP - 1.9 mm (0.07 in.)	3	
3	9223670	SUCKER - cassette	4	
4	4853146	NUT	4	
5	4480596	WASHER - 8.4 mm (0.33 in.)	4	
6	9223330	BEARING	4	
7	4500551	CLIP - 2.3 mm (0.09 in.)	4	
8	9213176	ACTUATOR	1	
9	9213231	LINKAGE PIN - cassette sucker bar	1	

Figure 30 SENSORS B17 and B18

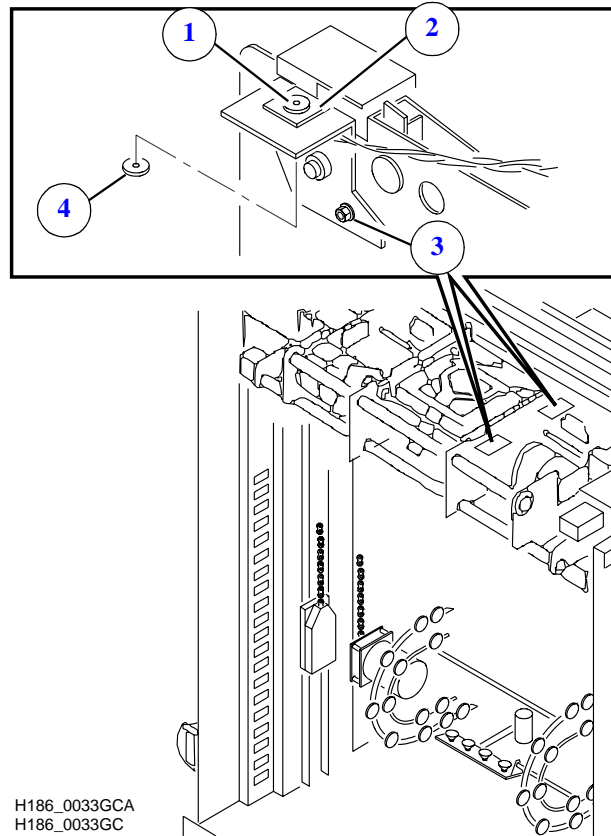
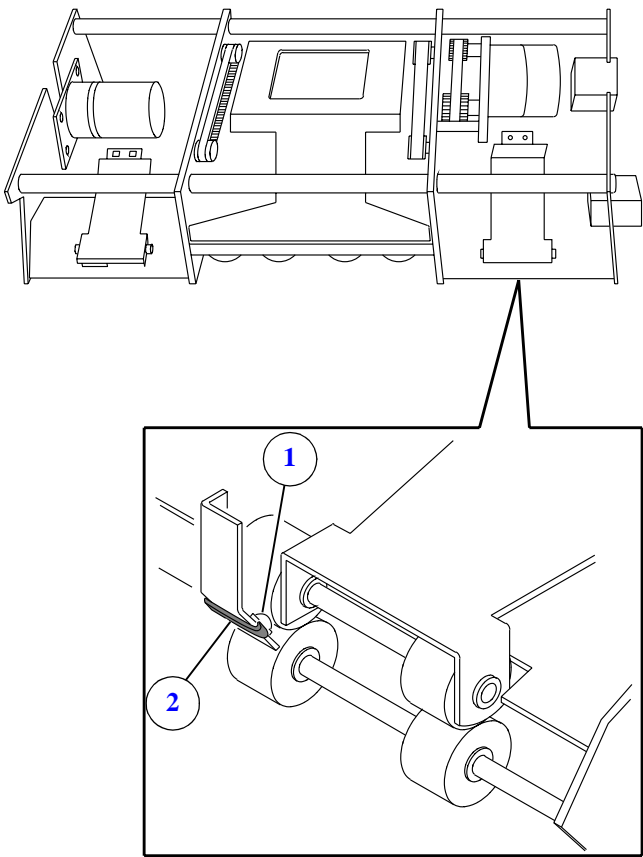


Figure 30 SENSORS B17 and B18

Item	Part No.	Description	Quantity	Notes
1	4283286	SCREW - M3 x 6	2	
2	9228991	SENSOR - B17, B18, B20, B21, B22, B35	2	
3	4853246	NUT	2	
4	4283121	SCREW - M4 x 10	2	

Figure 31 SENSOR B20



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H186_0060HC

Figure 31 SENSOR B20

Item	Part No.	Description	Quantity	Notes
1	9228991	SENSOR - B17, B18, B20, B21, B22, B35	1	SENSOR B20
2	9407601S	CLIP	1	

FILM CHUTE

Figure 32 MOTORS and SENSOR

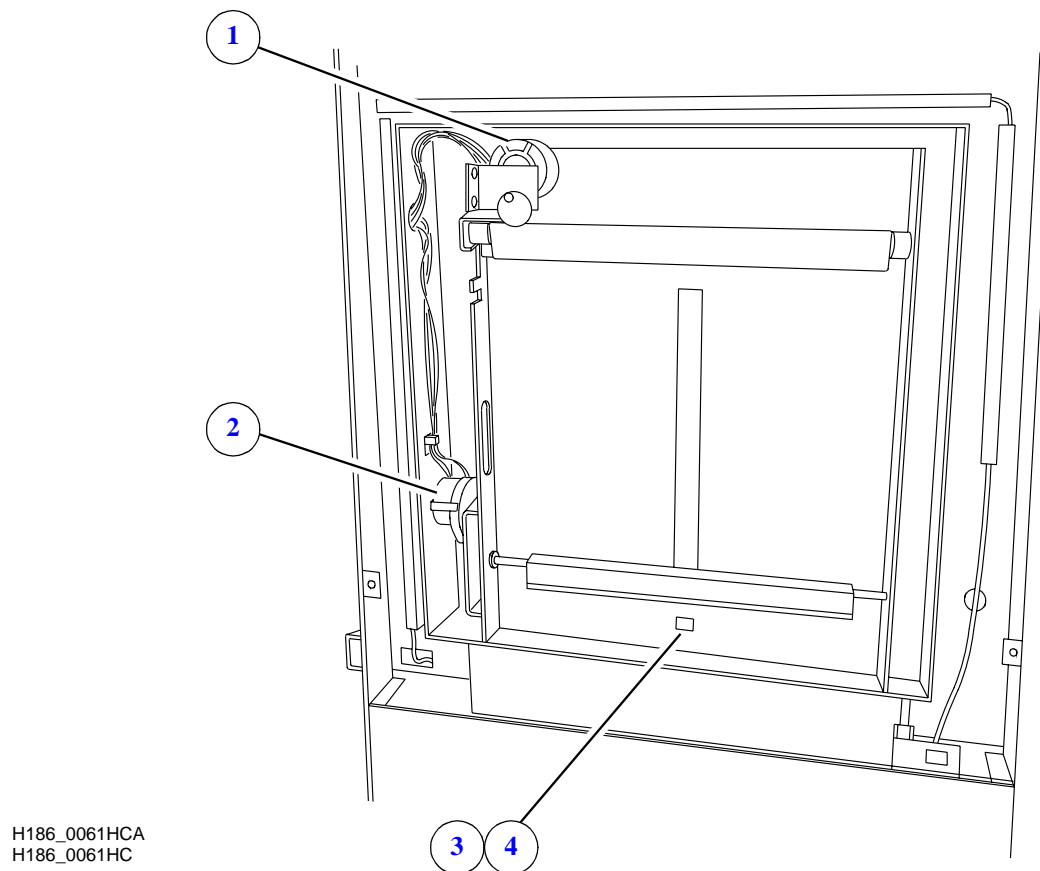


Figure 32 MOTORS and SENSOR

Item	Part No.	Description	Quantity	Notes
1	9228120	MOTOR - interface flap, M11, film release, M12	2	MOTOR M11
2	9228120	MOTOR - interface flap, M11, film release, M12	2	MOTOR M12
3	9228991	SENSOR - B17, B18, B20, B21, B22, B35	1	SENSOR B35
4	9407601S	CLIP	1	Holds item 3.

Figure 33 FILM RELEASE MOTOR AY

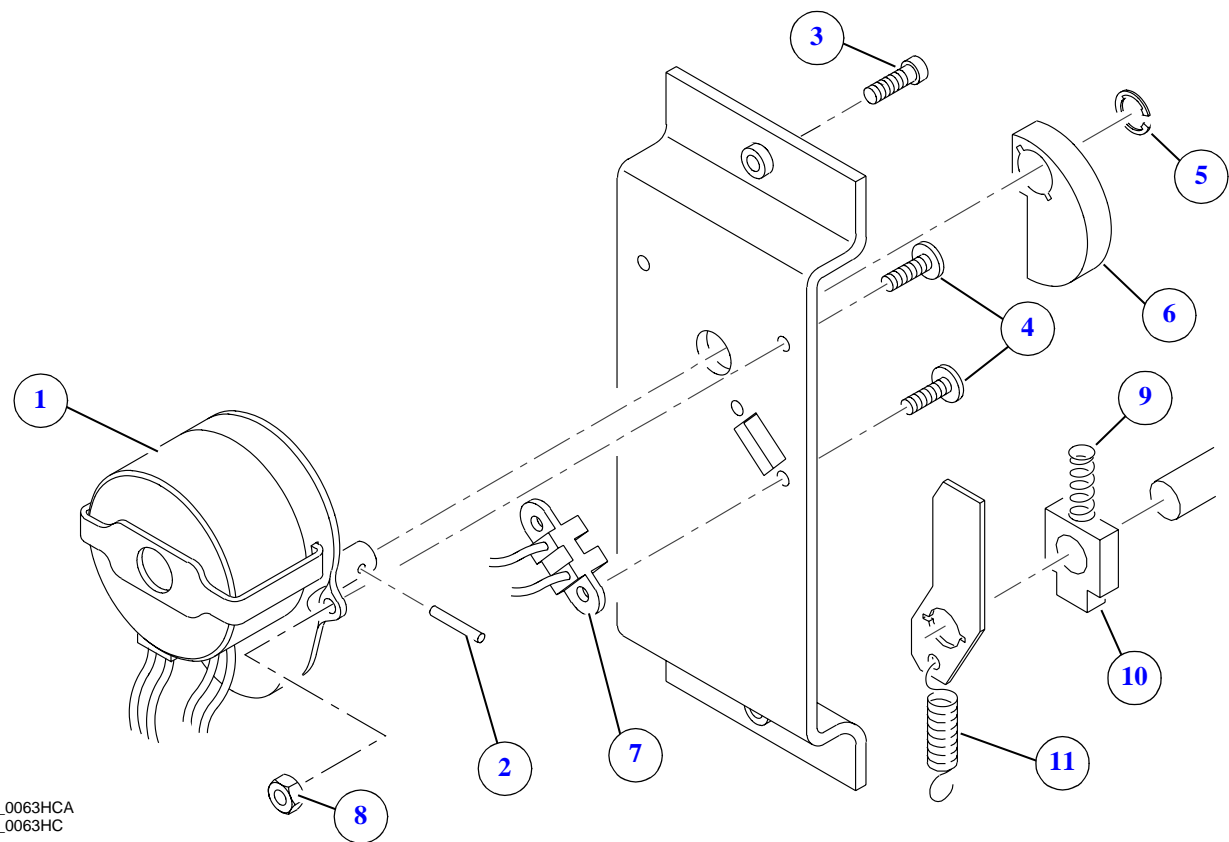
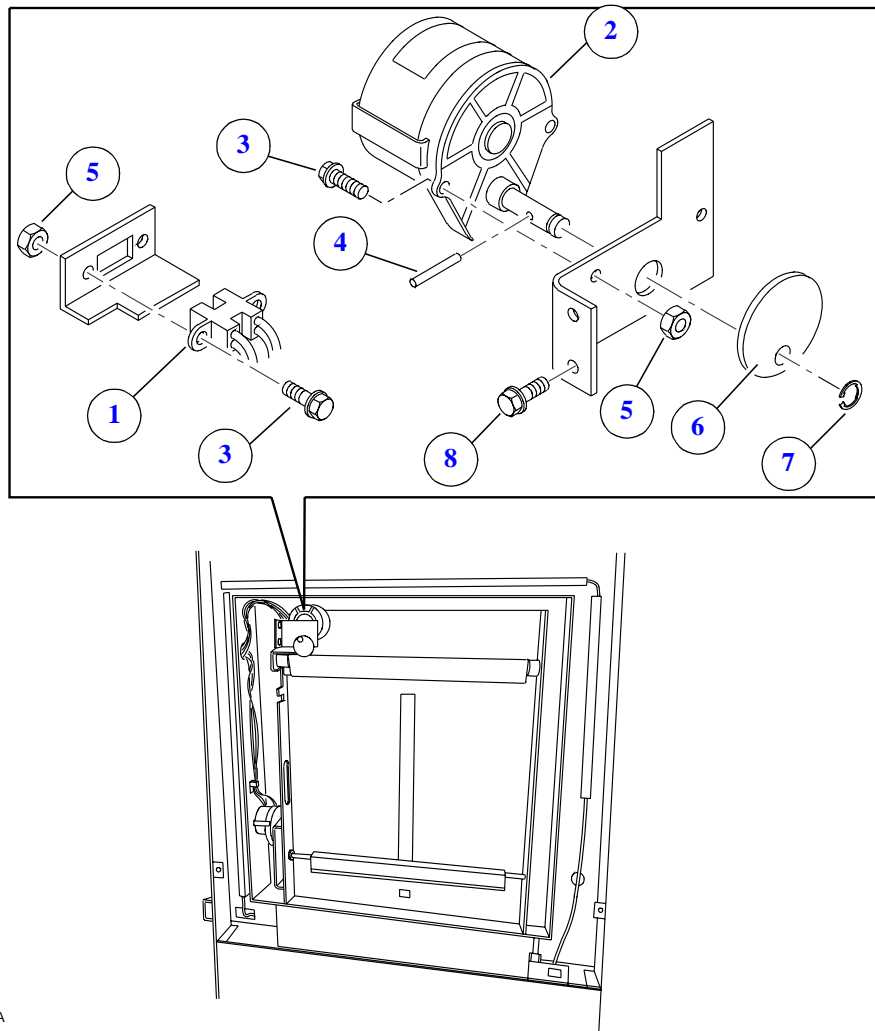


Figure 33 FILM RELEASE MOTOR AY

Item	Part No.	Description	Quantity	Notes
1	9228120	MOTOR - interface flap, M11, film release, M12	1	MOTOR M12
2	4796376	PIN - 2 x 12 mm (0.07 x 0.47 in.)	1	
3	4283121	SCREW - M4 x 10	2	
4	4283301	SCREW - M3 x 8	4	
5	4500521	CLIP - 4 mm (0.15 in.)	1	
6	9226441	CAM	1	
7	9216236	SENSOR - B33, B34	1	SENSOR B34
8	4853246	NUT	4	
9	9223360	SPRING - bearing	2	
10	9227030	BEARING	2	
11	9223280	SPRING - flap actuator arm	1	

Figure 34 FILM CHUTE AY

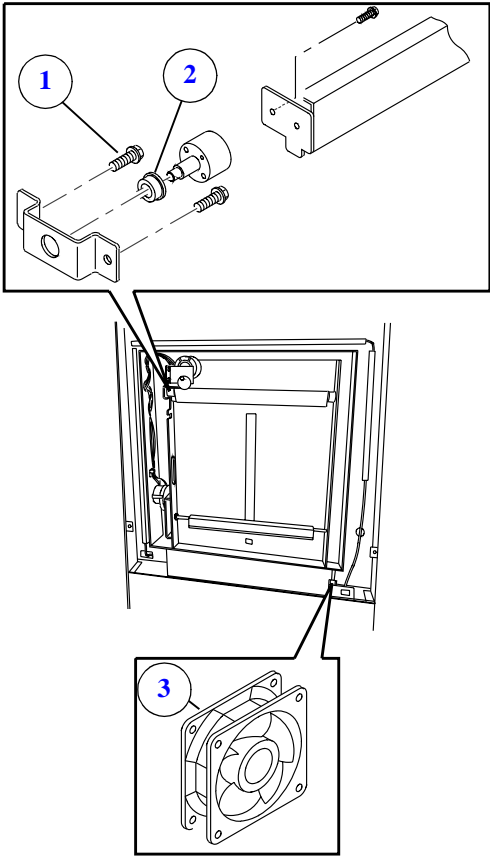


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Figure 34 FILM CHUTE AY

Item	Part No.	Description	Quantity	Notes
1	9216236	SENSOR - B33, B34	1	SENSOR B33
2	9228120	MOTOR - interface flap, M11, film release, M12	1	MOTOR M11
3	4283186	SCREW - M3 x 12	4	
4	4796376	PIN - 2 x 12 mm (0.07 x 0.47 in.)	1	
5	4853246	NUT	4	
6	9216301	CAM	1	
7	4500521	CLIP - 4 mm (0.15 in.)	1	
8	4283121	SCREW - M4 x 10	2	

Figure 35 INTERLOCK OVERRIDE SWITCH



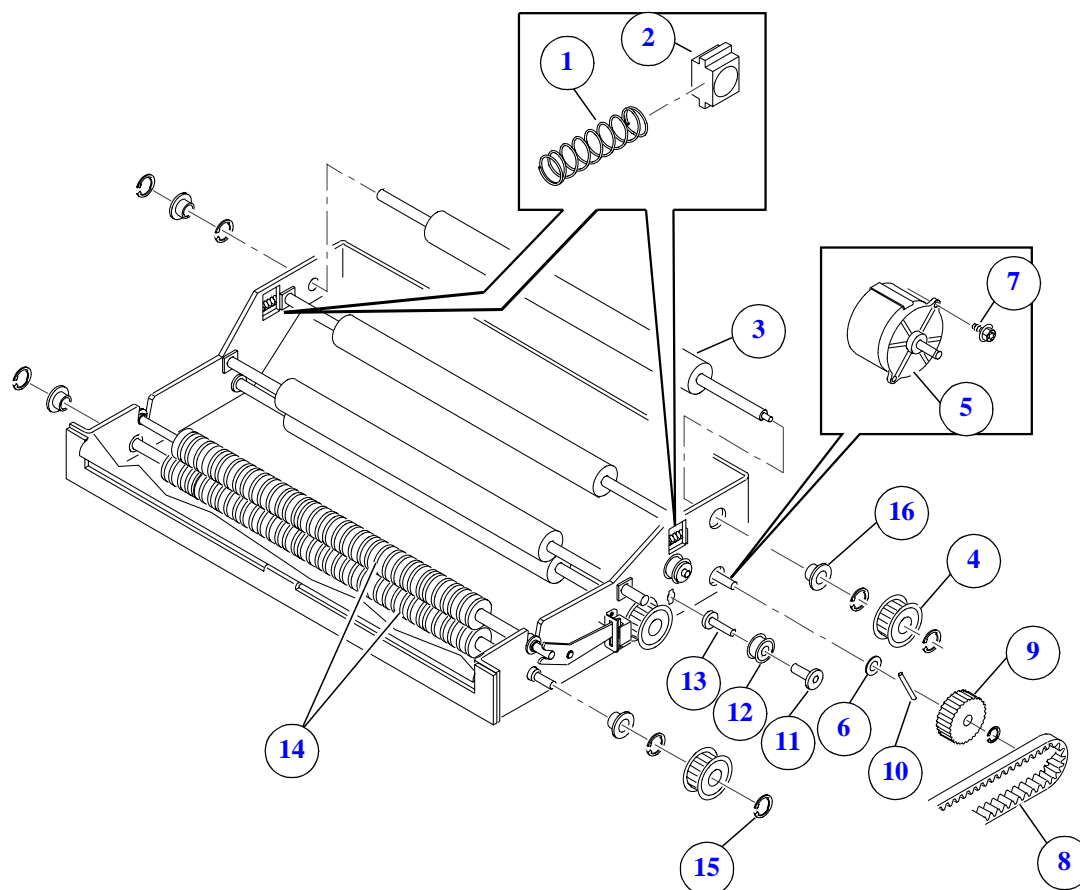
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Figure 35 INTERLOCK OVERRIDE SWITCH

Item	Part No.	Description	Quantity	Notes
1	4283121	SCREW - M4 x 10	6	
2	9227030	BEARING	2	
3	8722847	MOTOR - processor interface, M18	1	

PROCESSOR INTERFACE

Figure 36 TRANSPORT ROLLER



H186_0067DCA
H186_0067DC

Figure 36 TRANSPORT ROLLER

Item	Part No.	Description	Quantity	Notes
	1F5264	INTERFACE AY - complete	1	Not available in stock.
1	9223360	SPRING - bearing	4	
2	9223910	BEARING	4	
3	9250100	TRANSPORT ROLLER	4	MOTOR M13
4	9226130	CLUTCH - free running	3	
5	9250176	MOTOR - processor interface, M13, magazine opener, M21	1	
6	4480176	WASHER - 5.3 mm (0.20 in.)	1	
7	4283401	SCREW - M3 x 8	3	
8	9250560	BELT - toothed	1	
9	9216111	DRIVE GEAR	1	
10	4719336	PIN - 2 x 12 mm (0.07 x 0.47 in.)	1	
11	9226060	MOUNT - roller	2	
12	9226070	ROLLER - idler	2	
13	4283121	SCREW - M4 x 10	2	
14	9251011	ROLLER - detector	2	
15	4500521	CLIP - 4 mm (0.15 in.)	12	
16	9227010	BEARING - ball shoulder	4	

Figure 37 ROLLER and ACTUATOR

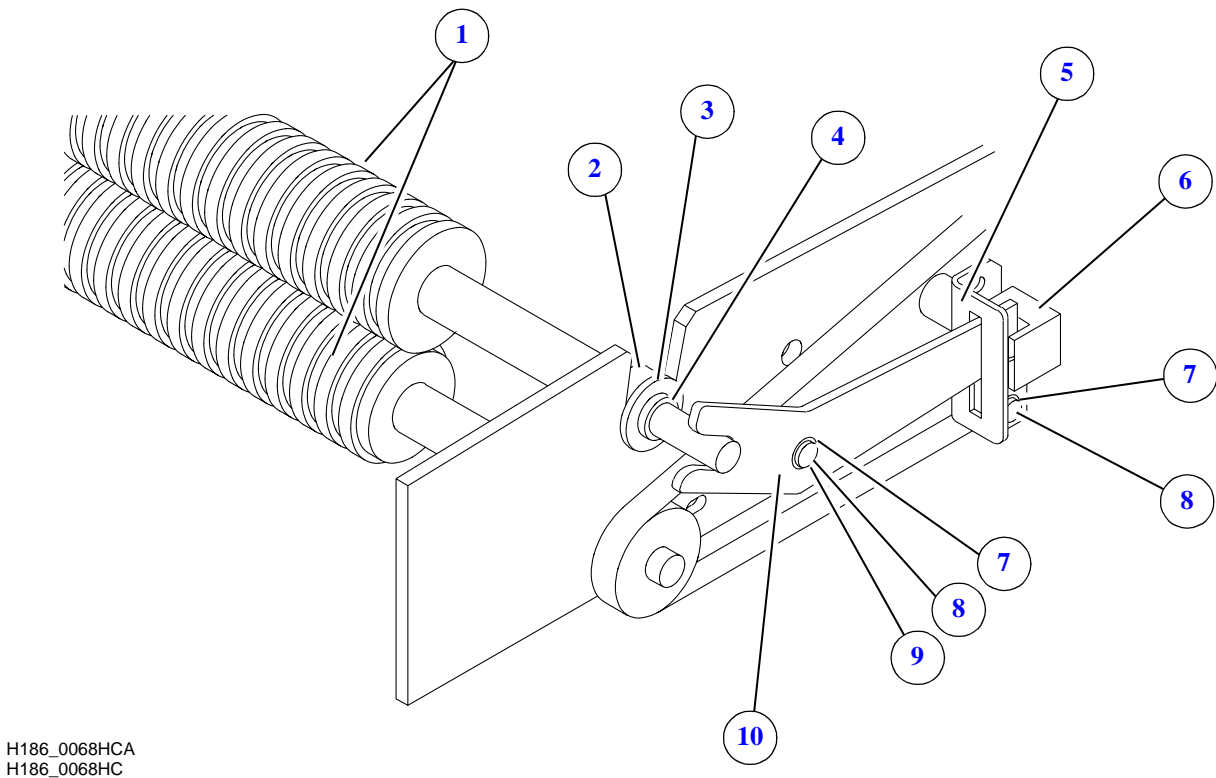
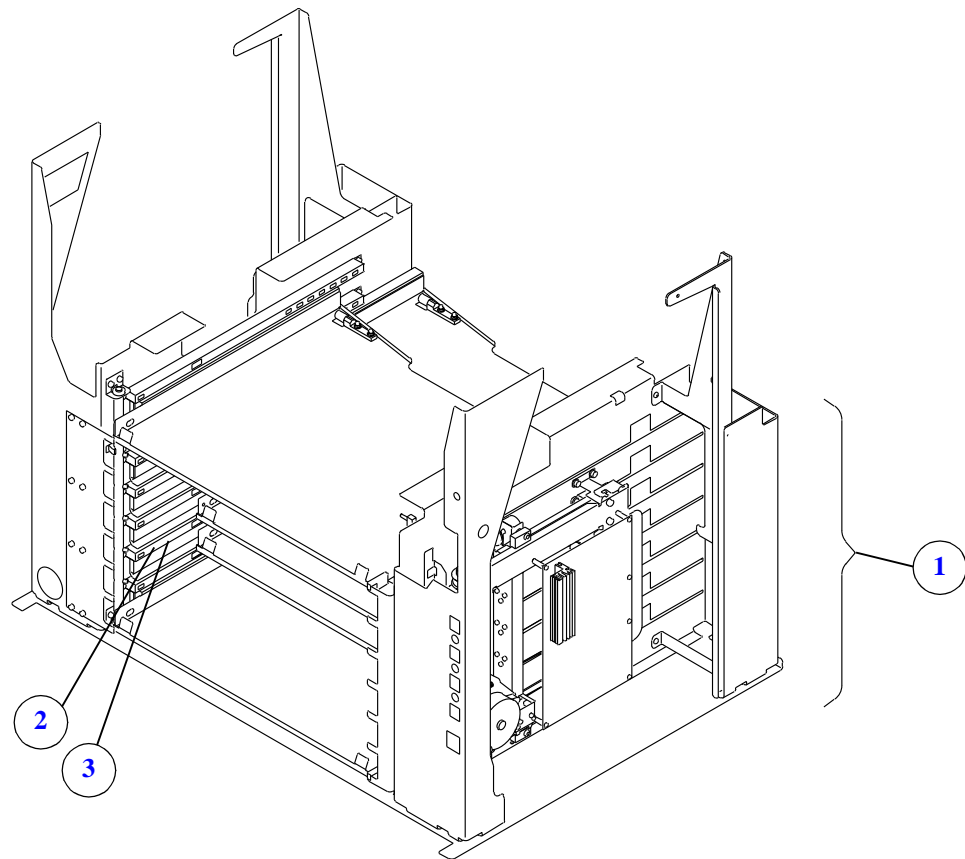


Figure 37 ROLLER and ACTUATOR

Item	Part No.	Description	Quantity	Notes
1	9251011	ROLLER - detector	2	
2	9227010	BEARING - ball shoulder	4	
3	4480091	WASHER	3	
4	4500561	CLIP	2	
5	H9251041	BRACKET	2	
6	9251076	SENSOR - B37, right	1	
	9251086	SENSOR - B36, left	1	
7	4470100	WASHER	2	
8	4282831	SCREW	2	
9	8317366	BEARING	2	
10	9251036	ACTUATOR - arm	2	
	H9251111	HARNESS - B36 and B37	2	Not visible in graphic.

MAGAZINE SHUTTLE MECHANISM

Figure 38 MAGAZINE TRANSPORT MECHANISM

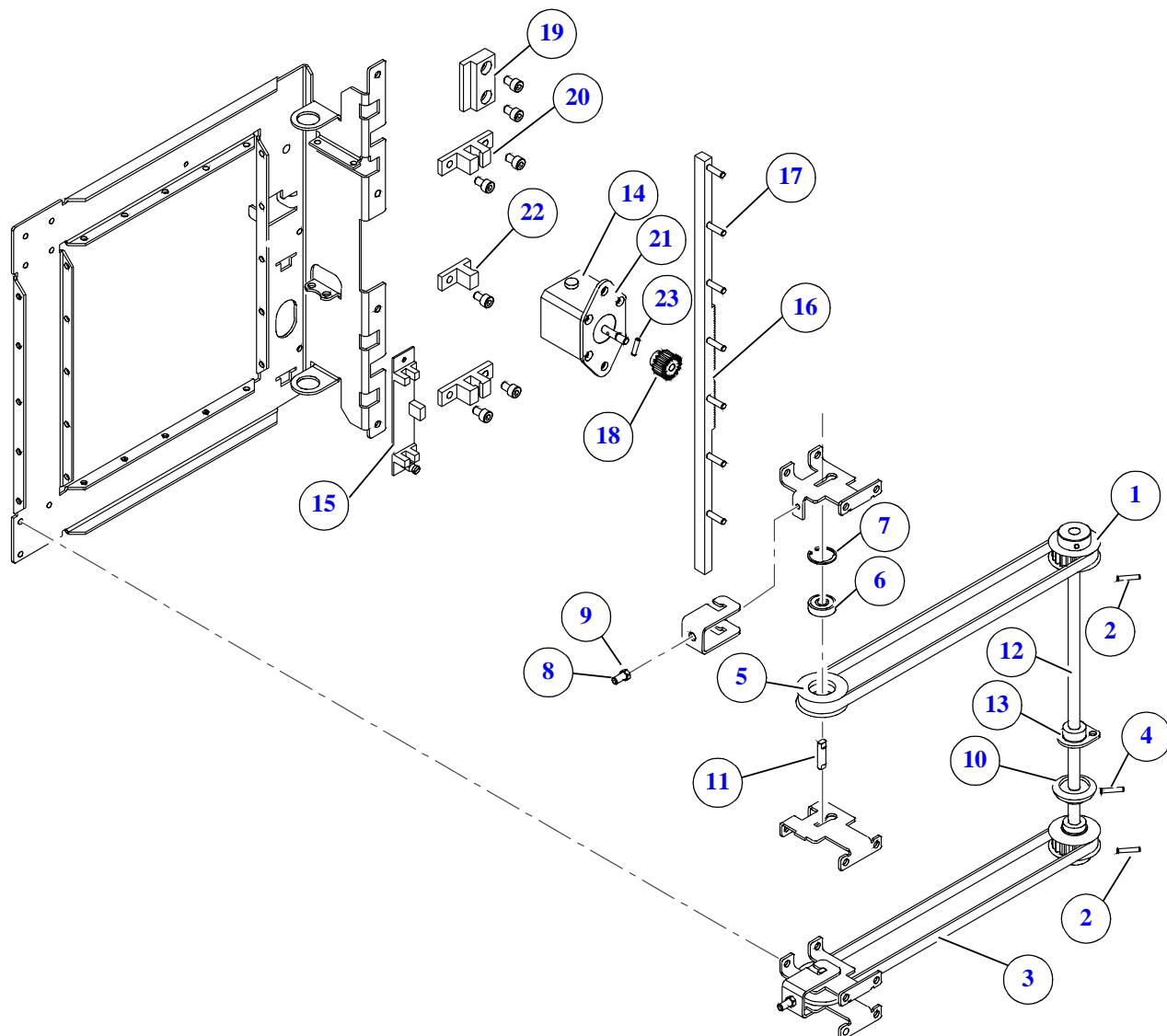


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H186_8028HC

Figure 38 MAGAZINE TRANSPORT MECHANISM

Item	Part No.	Description	Quantity	Notes
1	9402392SOP	MAGAZINE TRANSPORT MECHANISM AY - complete	1	Not available in stock.
2	9402251P	COVER - board, A21	7	Includes SENSORS B111 - B118.
	9402261P	BOARD - magazine size/type recognition, A21	7	
3	36510187S	JUMPER - board, A21	7	Not visible in graphic.
	1F5265	CABLE - board, A21	1	Not visible in graphic.

Figure 39 MAGAZINE SHUTTLE

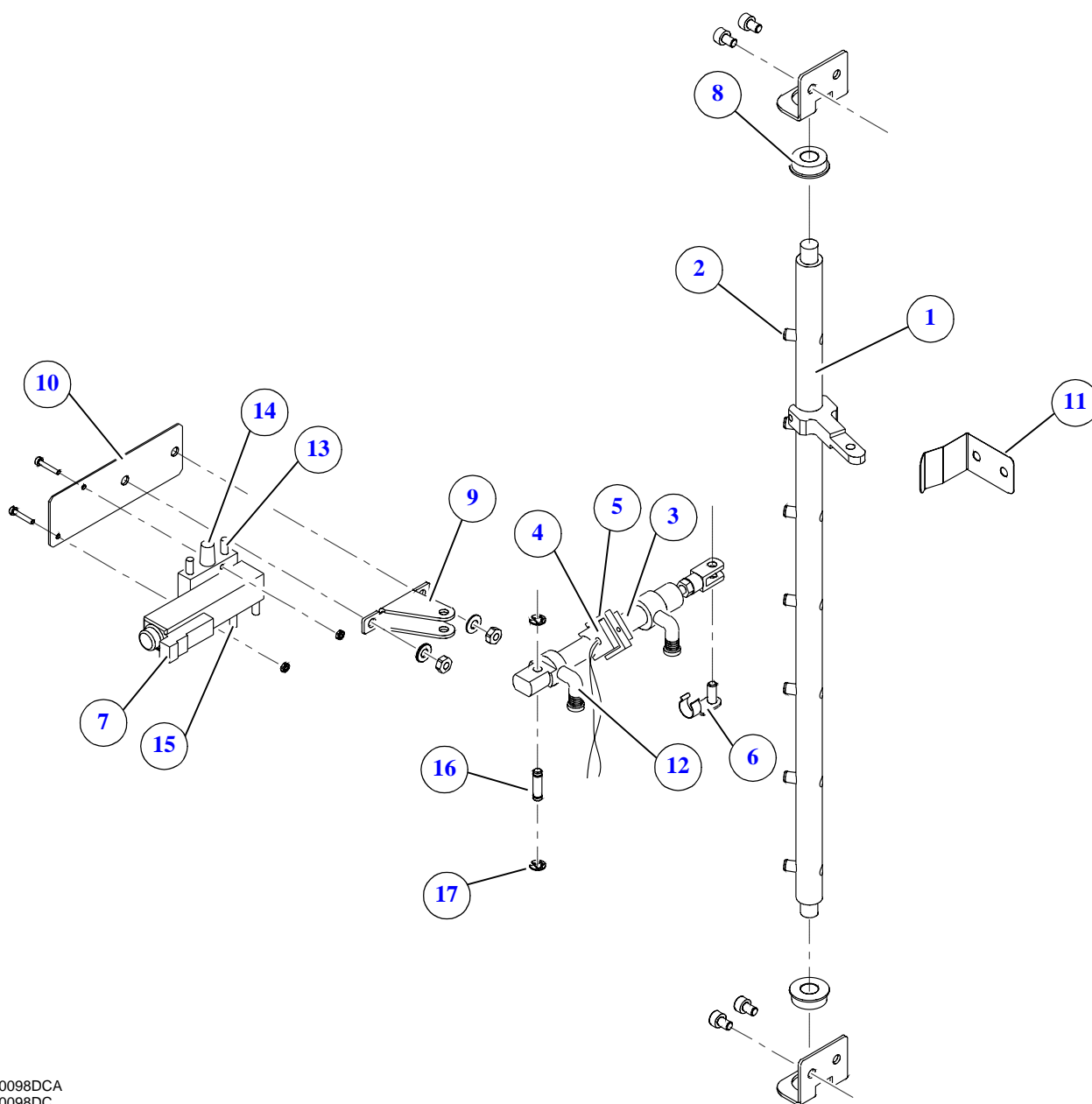


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Figure 39 MAGAZINE SHUTTLE

Item	Part No.	Description	Quantity	Notes
1	9402581S	PULLEY	2	
2	36550008S	PIN - M3 x 25	2	
3	9402601S	BELT	2	
4	36550007S	PIN - M3 x 16	1	
5	9402591S	PULLEY	2	
6	36550005S	BEARING - ball	2	
7	36550004S	C-RING	2	
8	36550009S	SETSCREW - M5 x 16	2	
9	4852766	NUT	1	
10	9402571	GEAR - bevel, magazine transport, mechanism shaft	1	
11	9402551S	SHAFT - belt, tension magazine, transport mechanism	2	
12	9402561S	SHAFT - drive, main magazine, transport mechanism	1	
13	9402351S	COLLAR	1	
14	9250176	MOTOR - processor interface, M13, magazine opener, M21	1	MOTOR M21
15	9402731P	BOARD - magazine opener sensor, A23	1	Includes SENSORS B105 - B106.
16	9402273S	GEAR RACK - magazine opener ay	1	Includes PINS.
17	36550002S	PIN - magazine opener ay	7	
18	9402291S	GEAR - magazine opener ay	1	
19	9402301S	GUIDE - magazine opener ay	1	
20	9402311S	GUIDE - magazine opener ay	1	
21	9402321S	SPACER	1	Located between the MOTOR M21 and the FRAME of the MAGAZINE SHUTTLE MECHANISM.
22	9402861S	GUIDE - magazine opener ay	1	
23	4796376	PIN - 2 x 12 mm (0.07 x 0.47 in.)	1	

Figure 40 MAGAZINE TRANSPORT MECHANISM - DRAWER LOCK

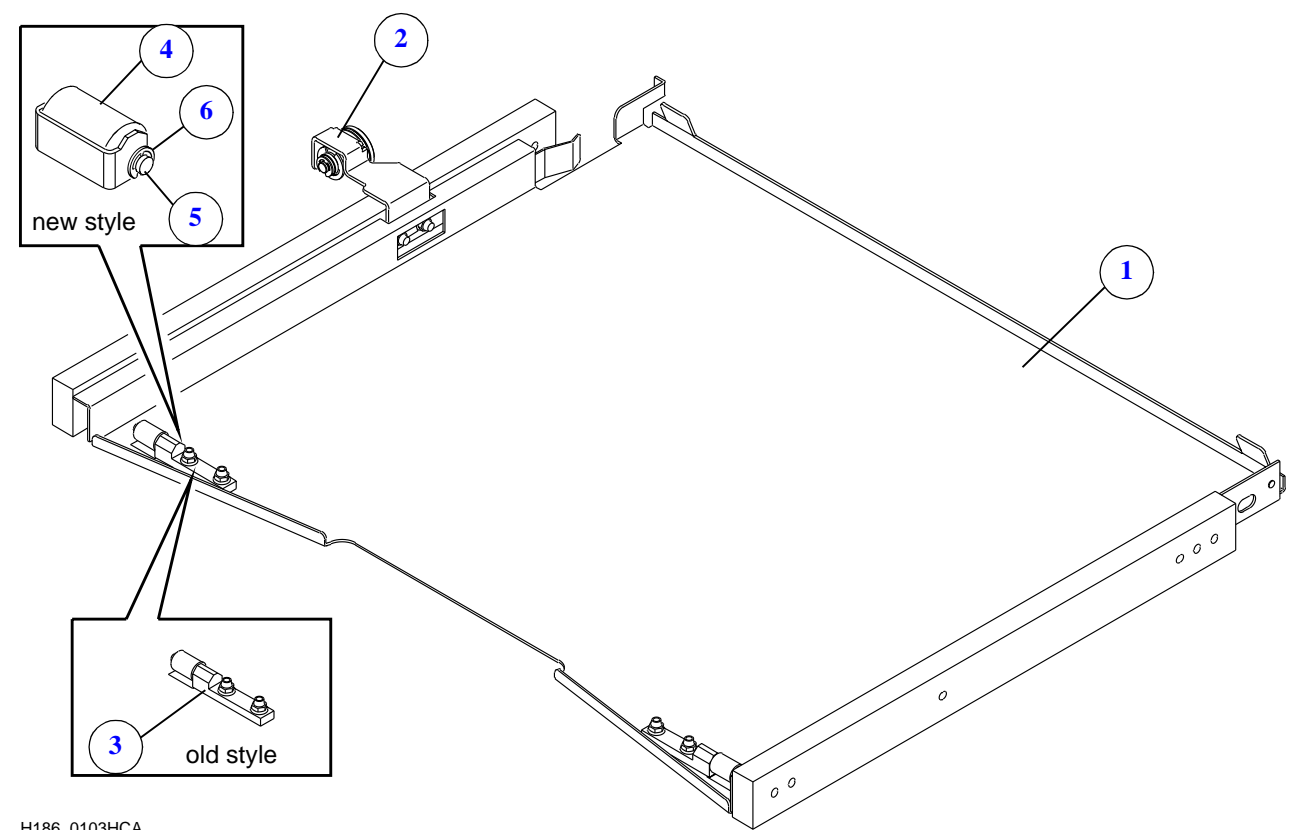


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Figure 40 MAGAZINE TRANSPORT MECHANISM - DRAWER LOCK

Item	Part No.	Description	Quantity	Notes
1	9402103P	SHAFT LOCK DRAWER AY	1	Including PINS.
2	36550001S	PIN - M5 x 20	7	
3	9402141P	CYLINDER - air, drawer lock	1	
4	9402901S	SENSOR - B108	1	
5	9402911S	HOLDER - sensor, cylinder drawer lock	1	
6	9403321S	JOINT AND PIN AY	1	
7	9303816	SOLENOID - drawer lock, Y20	1	
8	9227010	BEARING - ball shoulder	1	
9	9402811	BRACKET - cylinder, drawer lock	1	
10	9402871	BRACKET - solenoid valve, drawer lock	1	Not on MULTILoadERS with the serial number above 1086.
11	9403201S	SPRING - leaf	1	
12	9403411S	ELBOW - air cylinder	2	
13	9403391S	MUFFLER	2	
14	9403401S	CONNECTOR - air valve, drawer lock	1	
15	9403381S	CONNECTOR - air valve, drawer lock	2	
16	9402831S	PIN - cylinder, drawer lock	1	
17	4500606	CLIP - 3.2 mm (0.12 in.)	2	

Figure 41 DRAWER SLIDES and DRAWER PULL MECHANISM

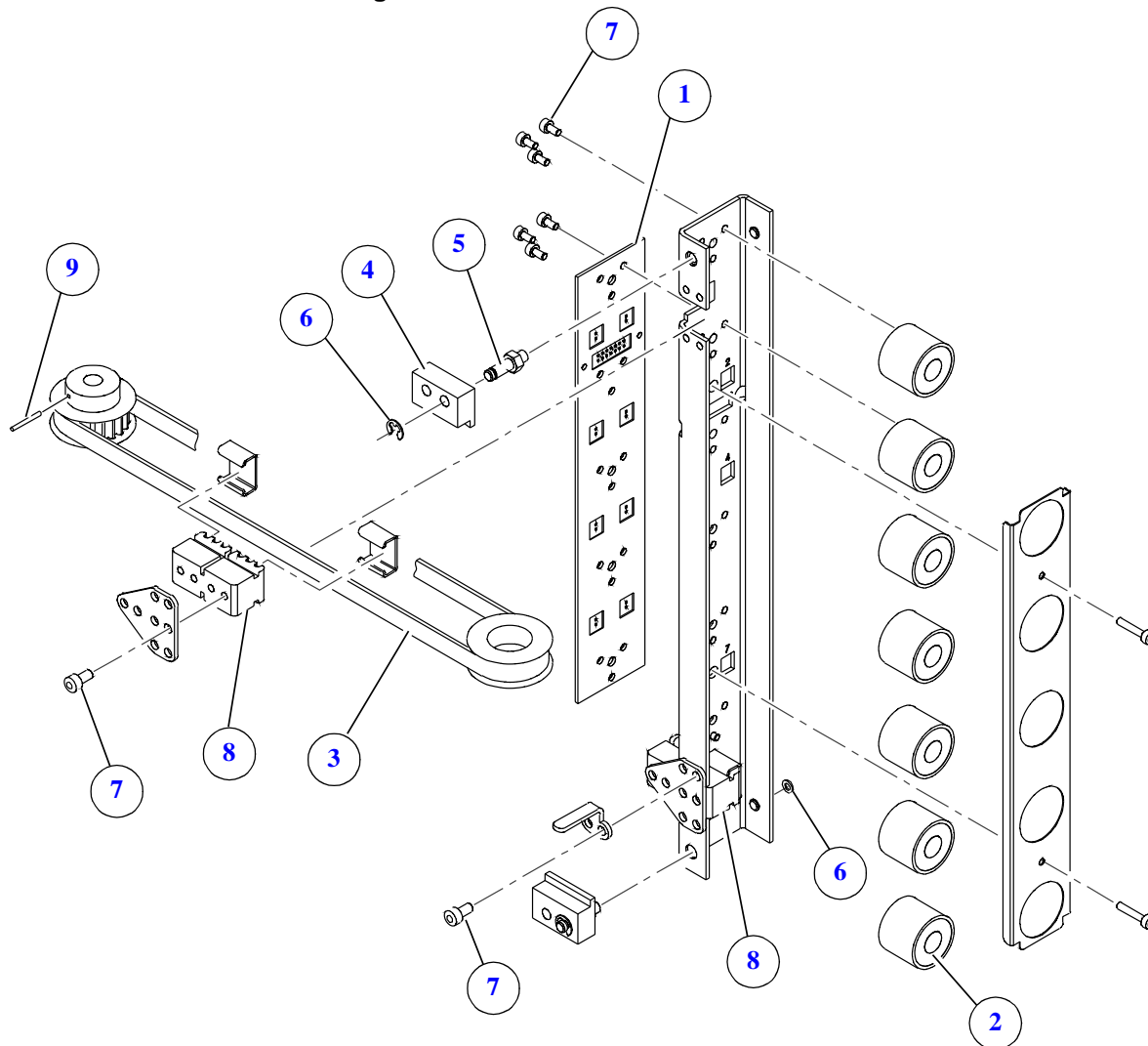


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Figure 41 DRAWER SLIDES and DRAWER PULL MECHANISM

Item	Part No.	Description	Quantity	Notes
1	9402182P	DRAWER AND SLIDE AY	7	Includes item 3. Does not include item 2.
2	9402222S	BRACKET AND MAGNET PICKUP AY	7	
3	9402192S	BRACKET AND ROLLER AY - magazine positioning	14	
4	9180526	ROLLER	14	
5	9405981	PIN	14	
6	4500521	CLIP - 4 mm (0.15 in.)	28	

Figure 42 MAGAZINE DRAWER POSITIONER AY

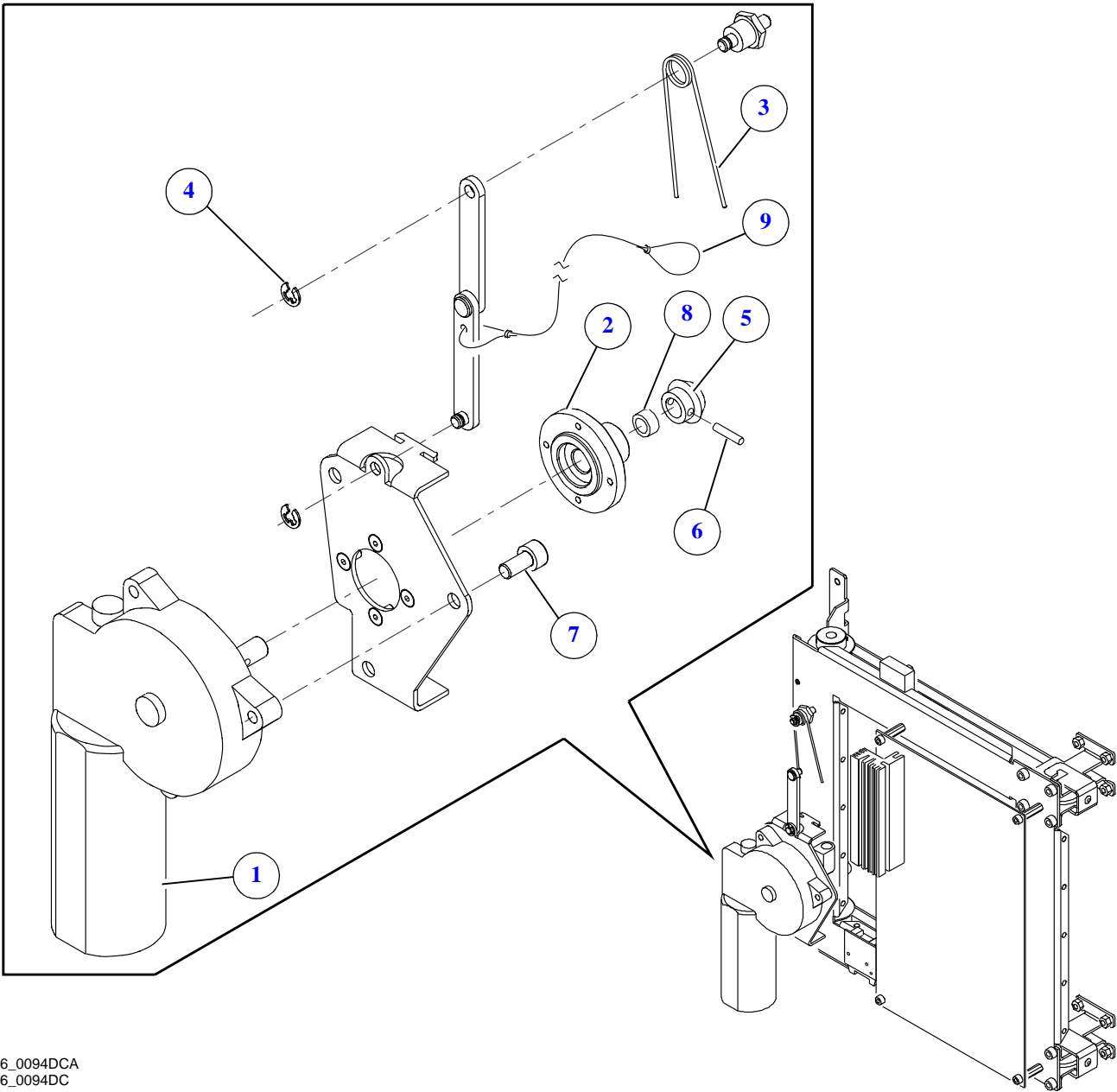


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Figure 42 MAGAZINE DRAWER POSITIONER AY

Item	Part No.	Description	Quantity	Notes
1	9402451P	BOARD - magnet control, A24	1	BOARD only, MAGNETS are not included.
2	9402441P	MAGNET - magazine transport	7	
3	9402601S	BELT	2	
4	9402501S	GUIDE - magazine, transport mechanism	2	
5	9402511S	SHAFT - pivot magazine, transport mechanism unlock	2	
6	4500521	CLIP - 4 mm (0.15 in.)	4	
7	36550012S	SCREW - M3 x 6	44	
8	9402521S	GUIDE - distance magazine transport	2	
9	36550008S	PIN - M3 x 25	2	

Figure 43 MAGAZINE DRAWER TRANSPORT MOTOR



H186_0094DCA
H186_0094DC

Figure 43 MAGAZINE DRAWER TRANSPORT MOTOR

Item	Part No.	Description	Quantity	Notes
1	9402342P	MOTOR AY - magazine shuttle mechanism, M20	1	Includes items 1 - 8.
2	9403481S	SLEEVE - bushing holder	1	
3	9402671S	SPRING - unlock	1	
4	36550004S	C-RING	2	
5	9402361S	GEAR - bevel	1	
6	36550017S	PIN - M3 x 13	1	
7	36550018S	SCREW - Allen head, M6 x 12	1	
8	9403491S	BUSHING - bronze	1	
9	9401861S	CABLE - manual unlock	1	950 mm (37 in.) long.

Figure 44 MAGAZINE SHUTTLE MECHANISM BOARD A20

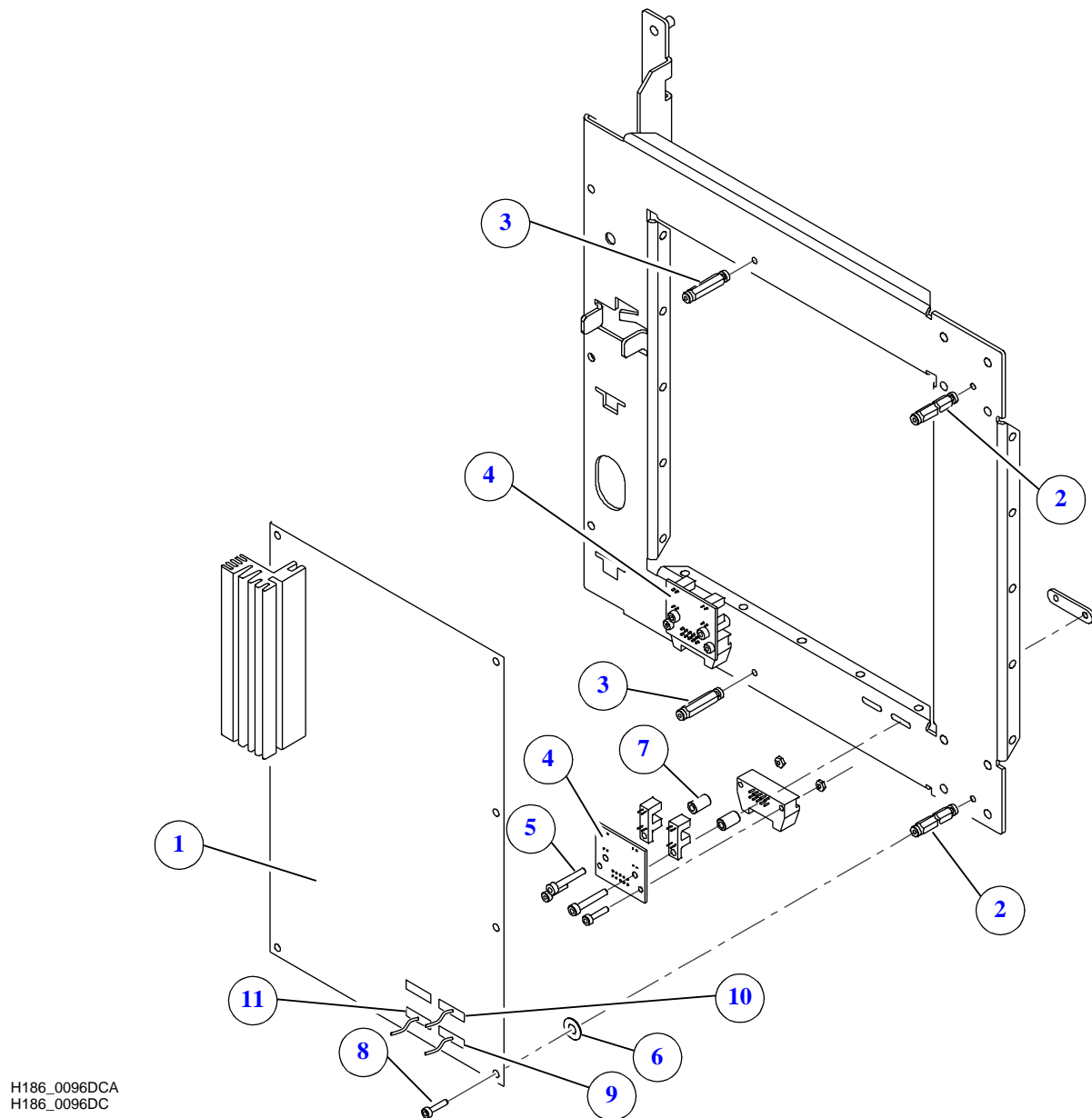
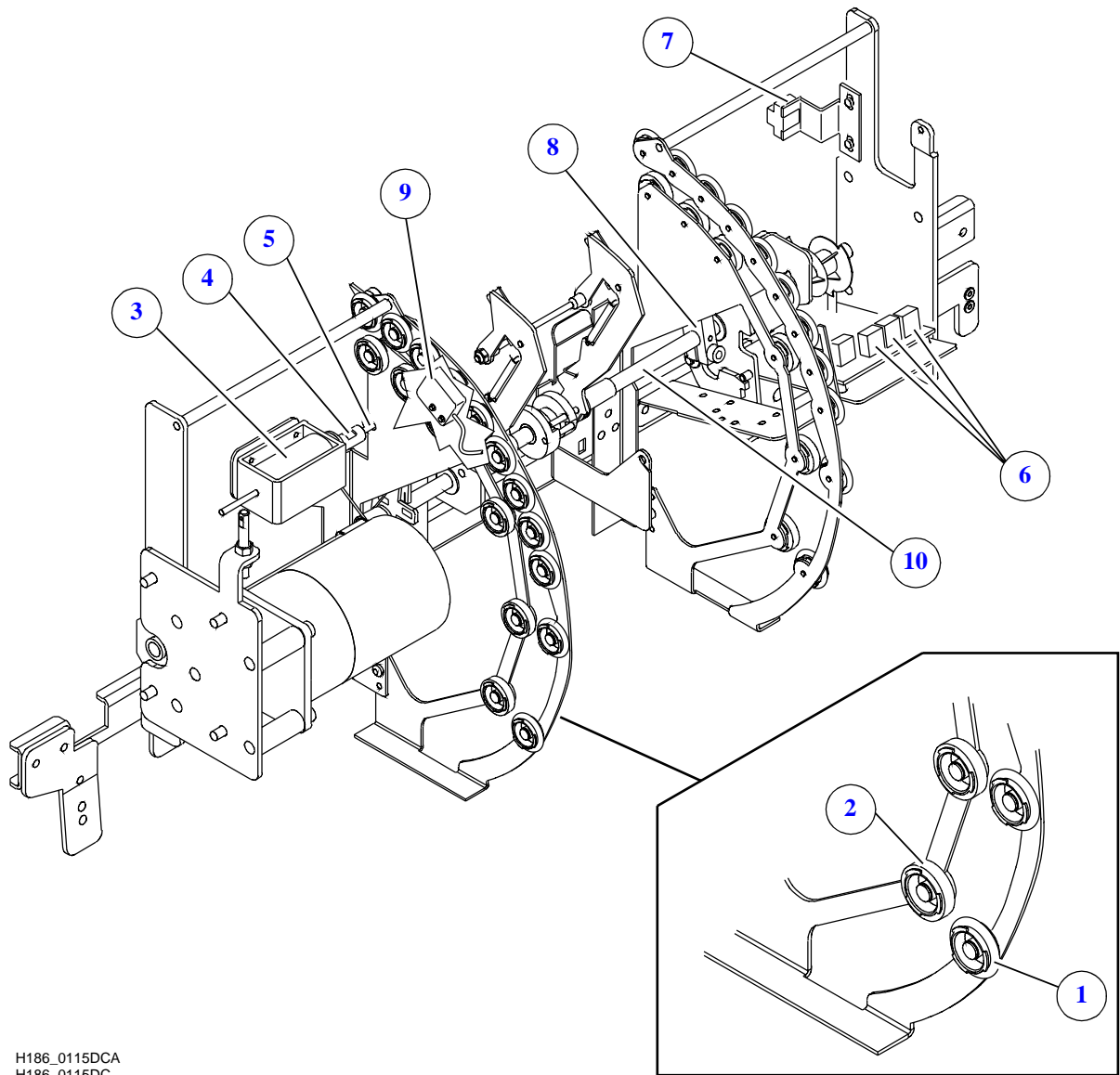


Figure 44 MAGAZINE SHUTTLE MECHANISM BOARD A20

Item	Part No.	Description	Quantity	Notes
1	9402661P	BOARD - magazine shuttle mechanism, A20	1	
2	9403531S	STANDOFF - hinged, board	4	
3	9403541S	STANDOFF - post	2	
4	9402721P	BOARD - position sensor, A22	2	Includes SENSORS B101 - B104.
5	36550014S	SCREW - Allen, M3 x 20	4	
6	9403551	WASHER	4	
7	9403561S	BUSHING	4	
8	36550012S	SCREW - M3 x 6	4	
9	9403831P	CABLE - A20X1 to RS-232 service	1	
10	9403851P	CABLE - A20X2 to A1X4	1	
11	9403841P	CABLE - A20X3 to A4X1	1	

FILM POCKET

Figure 45 SOLENOID and CABLE AY

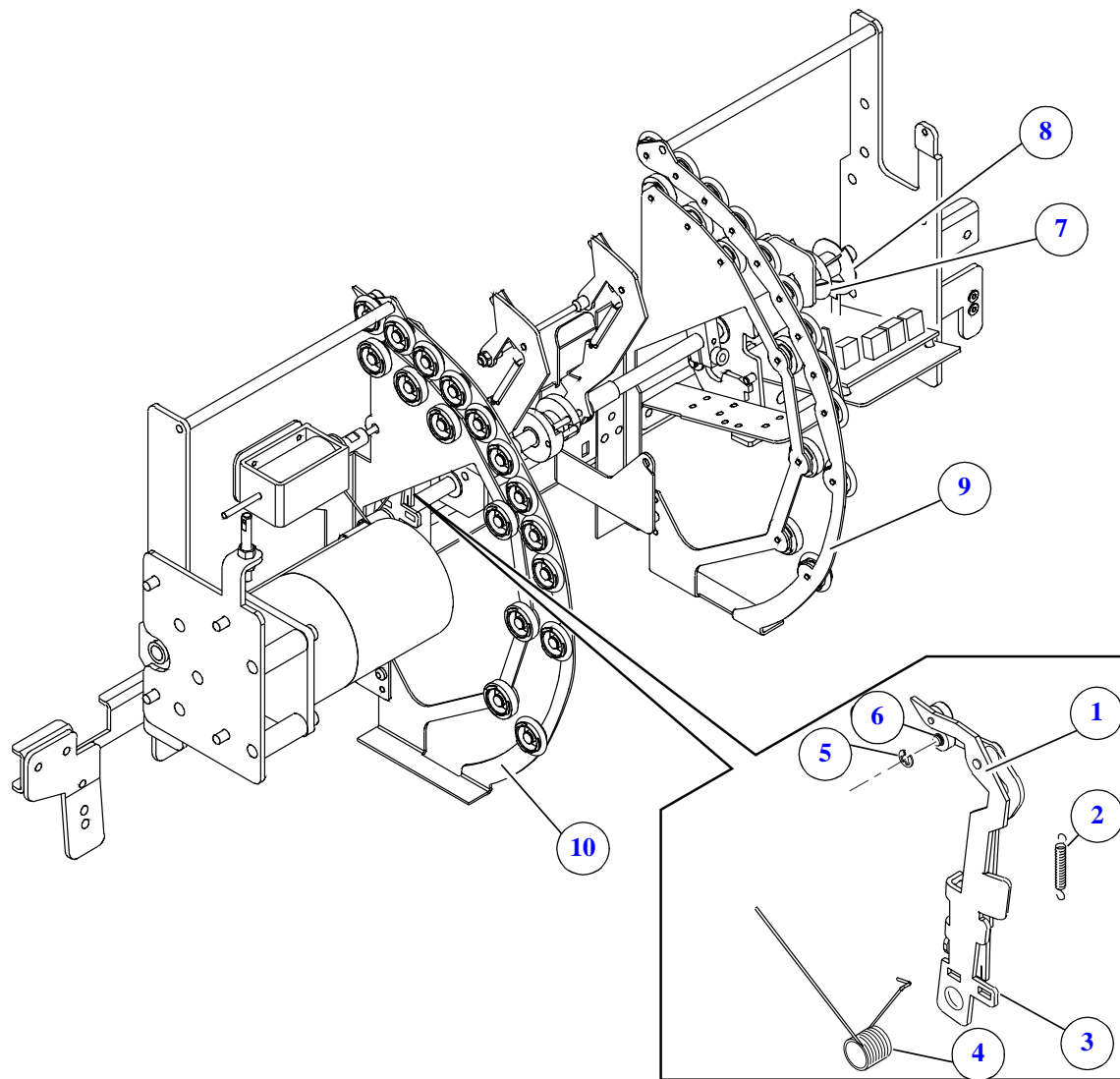


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H186_0115DC

Figure 45 SOLENOID and CABLE AY

Item	Part No.	Description	Quantity	Notes
1	9212941	O-RING	22	
2	9184396	ROLLER - foam	12	
3	9224410	SOLENOID - Y15	1	
4	9224450	SPRING	1	
5	9229630	PIN AY	1	
6	9219876	CABLE AY - film pocket to board, A5	1	
7	9403641P	SENSOR - B107	1	
8	9183916	DETENT AY	1	
9	9228980	SENSOR - B24, B60	1	SENSOR B60
10	9215981P	SHAFT	1	

Figure 46 DOUBLE FILM DETECTOR



H186_0049DCA
H186_0049DC

Figure 46 DOUBLE FILM DETECTOR

Item	Part No.	Description	Quantity	Notes
1	9214113	DOUBLE FILM AY	1	
2	9214471	SPRING	1	
3	9284026	SENSOR - B59	1	
4	9224270	SPRING	1	
5	4500606	CLIP - 3.2 mm (0.12 in.)	2	
6	9214126	BEARING	2	
7	9183956	TIMING DISK - left	1	
8	H9183946	TIMING DISK - right	1	
9	9215996	FILM GUIDE - left	1	
10	9219606	FILM GUIDE - right	1	

Figure 47 CLUTCH AY

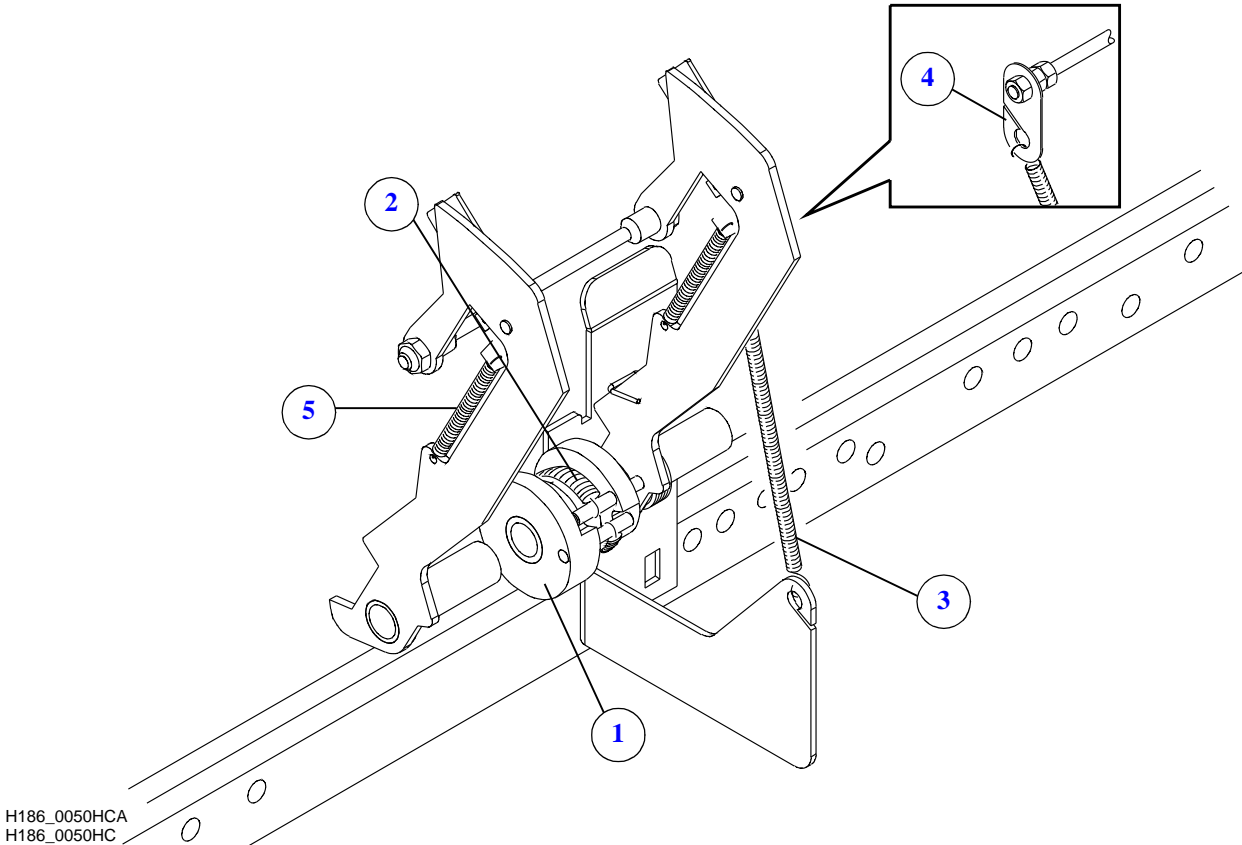
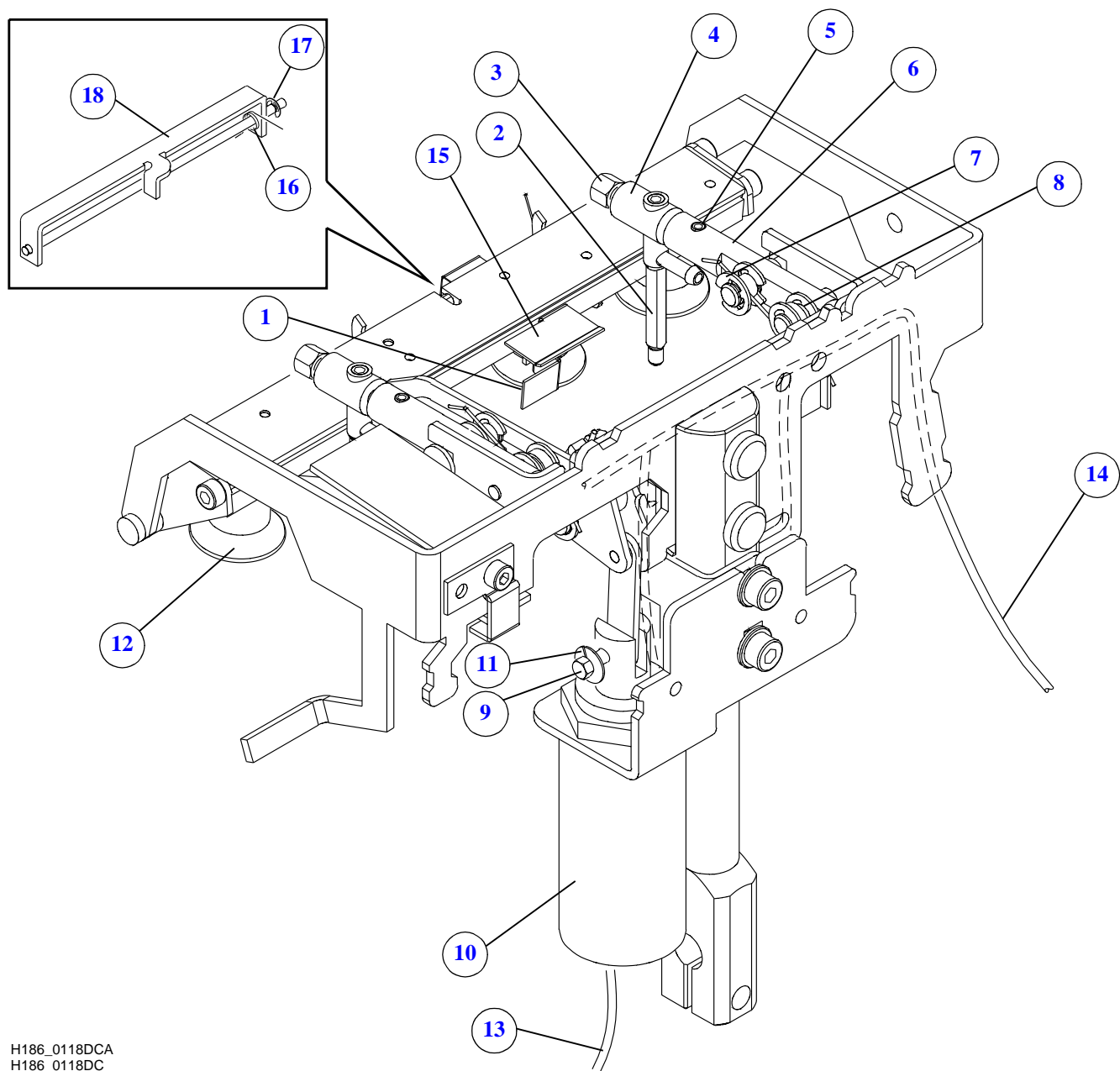


Figure 47 CLUTCH AY

Item	Part No.	Description	Quantity	Notes
1	9225800	CLUTCH AY	1	
2	9225780	SPRING	1	
3	9219831	SPRING	1	
4	9219841	HOOK - spring	1	
5	9185076	SPRING	2	

Figure 48 SUCKER BAR SOLENOID

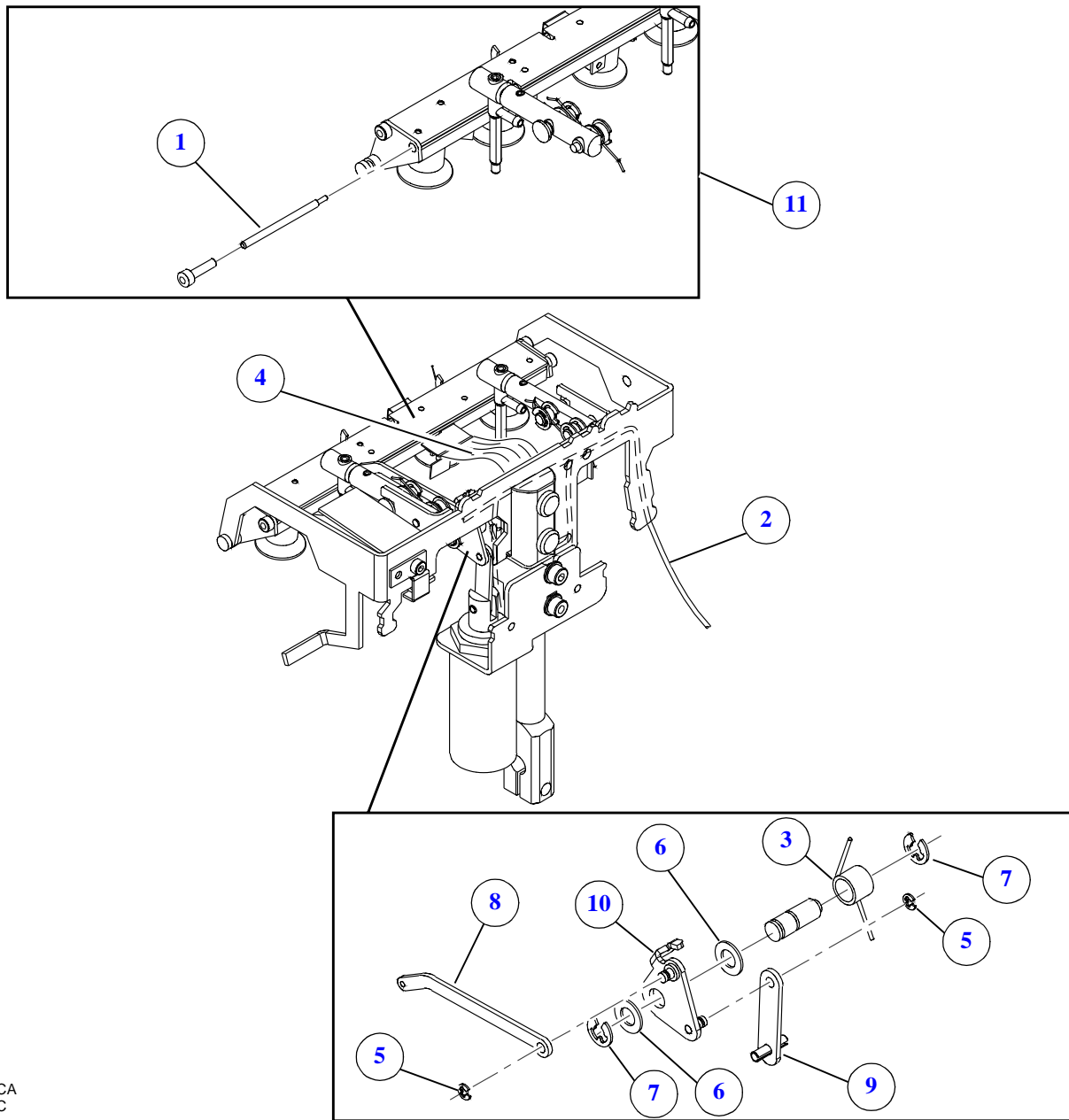


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H186_0118DC

Figure 48 SUCKER BAR SOLENOID

Item	Part No.	Description	Quantity	Notes
1	9184886	SENSOR - B61	1	
2	9215840	BLOW PIPE AY	2	
3	4283401	SCREW - M3 x 8	2	
4	9199051	BLOW PIPE MOUNT - front	2	
5	4278296	SCREW - M3 x 3	2	
6	9199041	BLOW PIPE MOUNT - back	2	
7	4500521	CLIP - 4 mm (0.15 in.)	2	
8	9184661	SPRING	2	
9	9215401	PIN	1	
10	9225333	SOLENOID - Y14	1	
11	4500551	CLIP - 2.3 mm (0.09 in.)	1	
12	9184847	SUCKER - magazine	4	
13	9225332	REPAIR KIT - wire	1	WIRE and CONNECTOR for SOLENOID.
14	9219876	CABLE AY - film pocket to board, A5	1	
15	9199226	BRACKET	1	
16	9184936	SPRING - film pin	1	For FILM PIN.
17	4500541	CLIP - 1.5 mm (0.06 in.)	2	
18	9184916	FILM PIN	1	

Figure 49 SUCKER BAR AY



H186_0052DCA
H186_0052DC

Figure 49 SUCKER BAR AY

Item	Part No.	Description	Quantity	Notes
1	9223650	LINKAGE PIN - sucker bar	1	Order by length of 1.0 m (3.28 ft)
2	9220170	HOSE - 3 mm (0.11 in.), blue, PU-PK3	1	
3	9215431	SPRING	1	
4	9228300	RIBBON CABLE	1	
5	4500551	CLIP - 2.3 mm (0.09 in.)	3	
6	4480166	WASHER - 6.4 mm (0.24 in.)	2	
7	4500521	CLIP - 4 mm (0.15 in.)	2	Also order item 9 and 10. Also order item 8 and 10.
8	9219801	SUCKER BAR LINK	1	
9	9219771	SOLENOID LINK	1	
10	9219783	PLATE	1	Also order item 8 and 9.
11	9184689	MAGAZINE/SUCKER BAR AY	1	

Figure 50 MOTOR M15

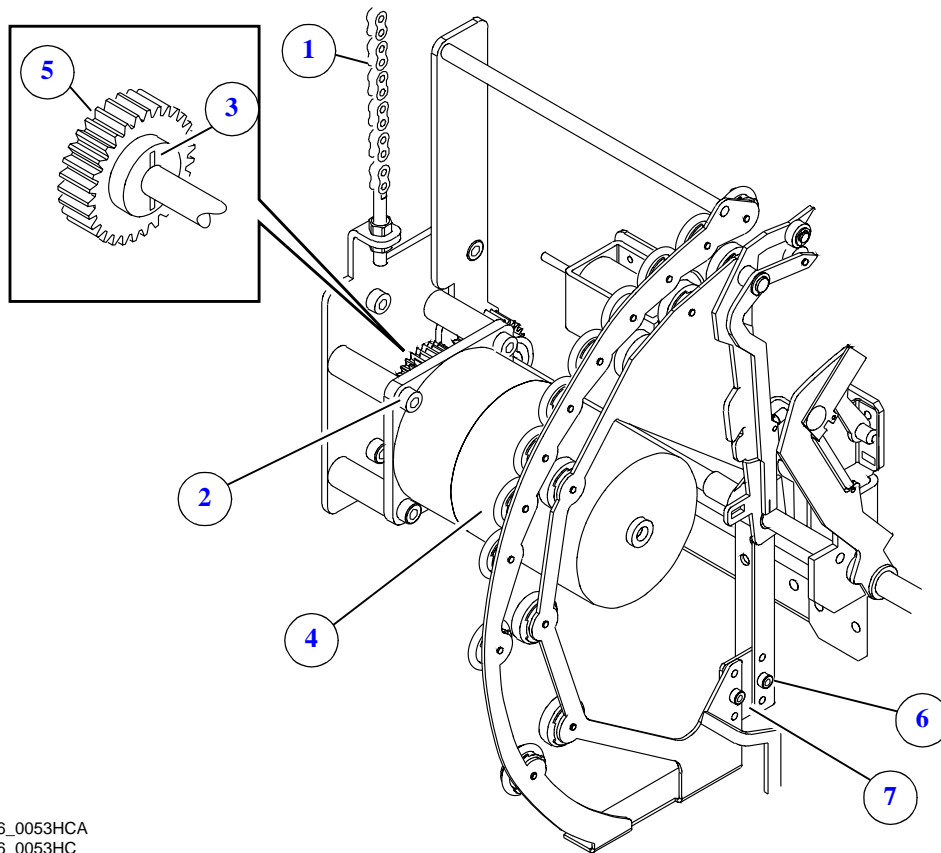
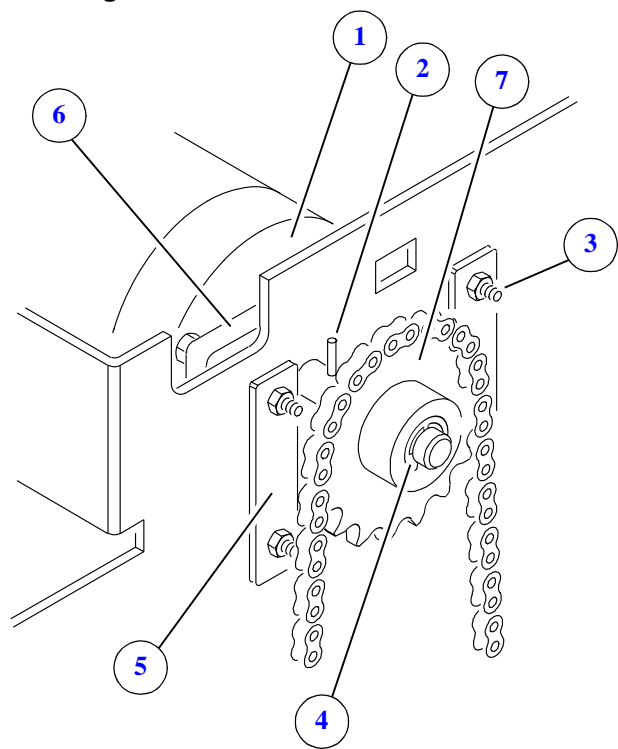


Figure 50 MOTOR M15

Item	Part No.	Description	Quantity	Notes
1	9404821P	CHAIN - link	2	
2	4283121	SCREW - M4 x 10	4	
3	9212851	PIN - 2.5 x 20 mm (0.09 x 0.78 in.)	2	
4	9228070	MOTOR - film pocket sucker bar, M15	1	
5	9215181	GEAR	2	
6	4283286	SCREW - M3 x 6	4	
7	9219086	BRACKET	2	

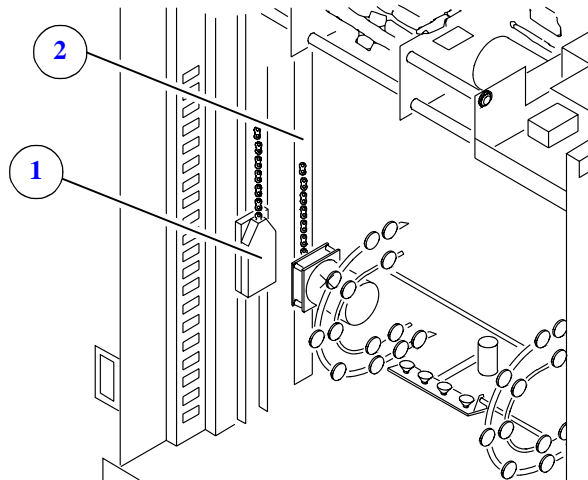
Figure 51 MOTOR and GEAR BOX



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H186_0054GC

Figure 51 MOTOR and GEAR BOX

Item	Part No.	Description	Quantity	Notes
1	9228080	MOTOR - film pocket stepper, M10	1	
2	9212851	PIN - 2.5 x 20 mm (0.09 x 0.78 in.)	1	
3	4282006	SCREW - M5 x 50	4	
	4480176	WASHER - 5.3 mm (0.20 in.)	8	
4	4500531	CLIP - 9 mm (0.35 in.)	4	
5	9215111	PLATE - threaded	2	
6	9228140	GEAR BOX	1	
7	9215091	GEAR	4	

Figure 52 COUNTERWEIGHTS

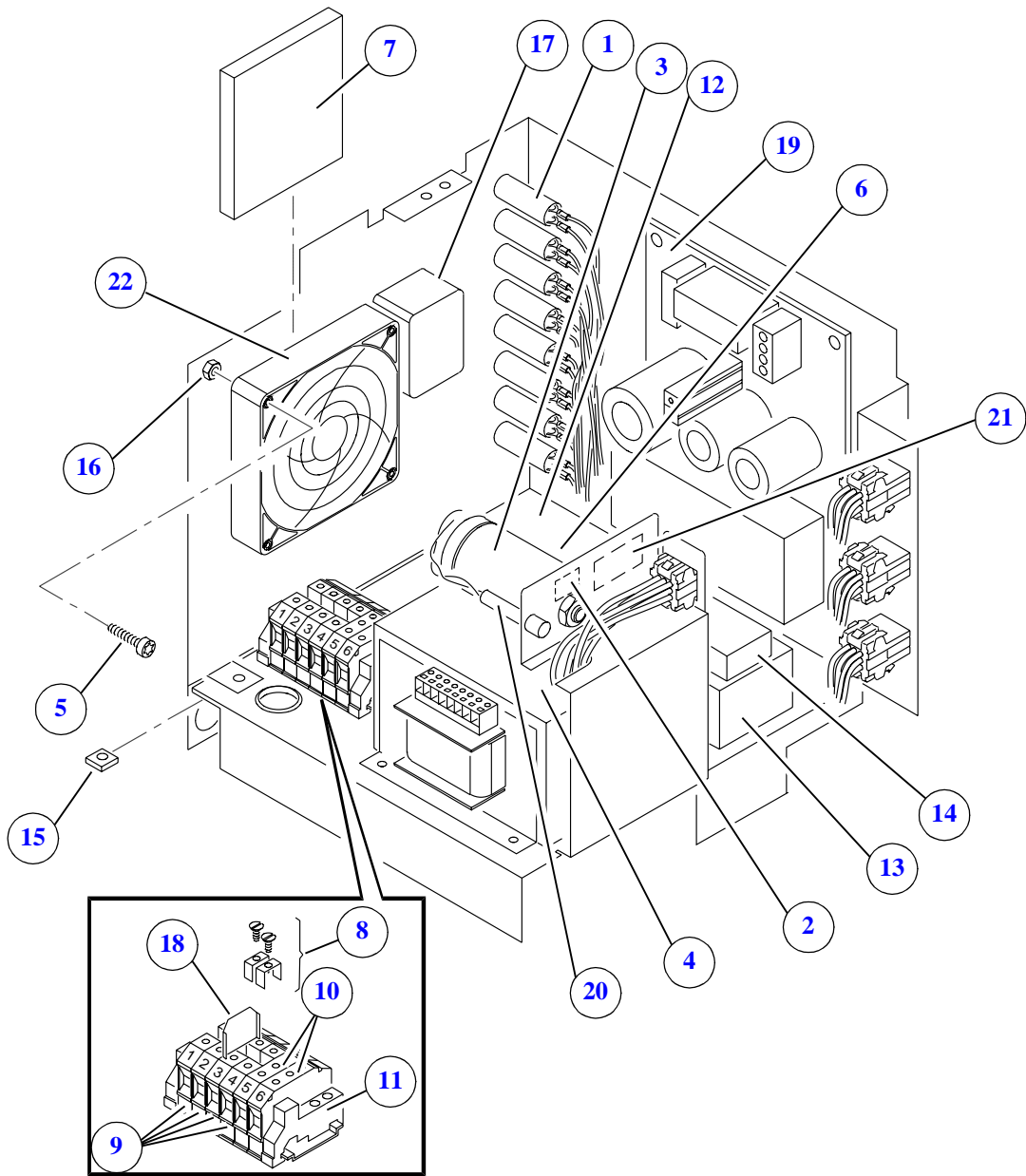
H186_0034ACA
H186_0034AC

Figure 52 COUNTER WEIGHTS

Item	Part No.	Description	Quantity	Notes
1	9215746	COUNTERWEIGHT - right, 2310 g (5.09 lbs)	1	Includes BEARINGS.
	9215756	COUNTERWEIGHT - left, 1380 g (3.04 lbs)	1	
2	9407301P	SLIDE AY - film pocket	2	

POWER SUPPLY

Figure 53 POWER SUPPLY AY

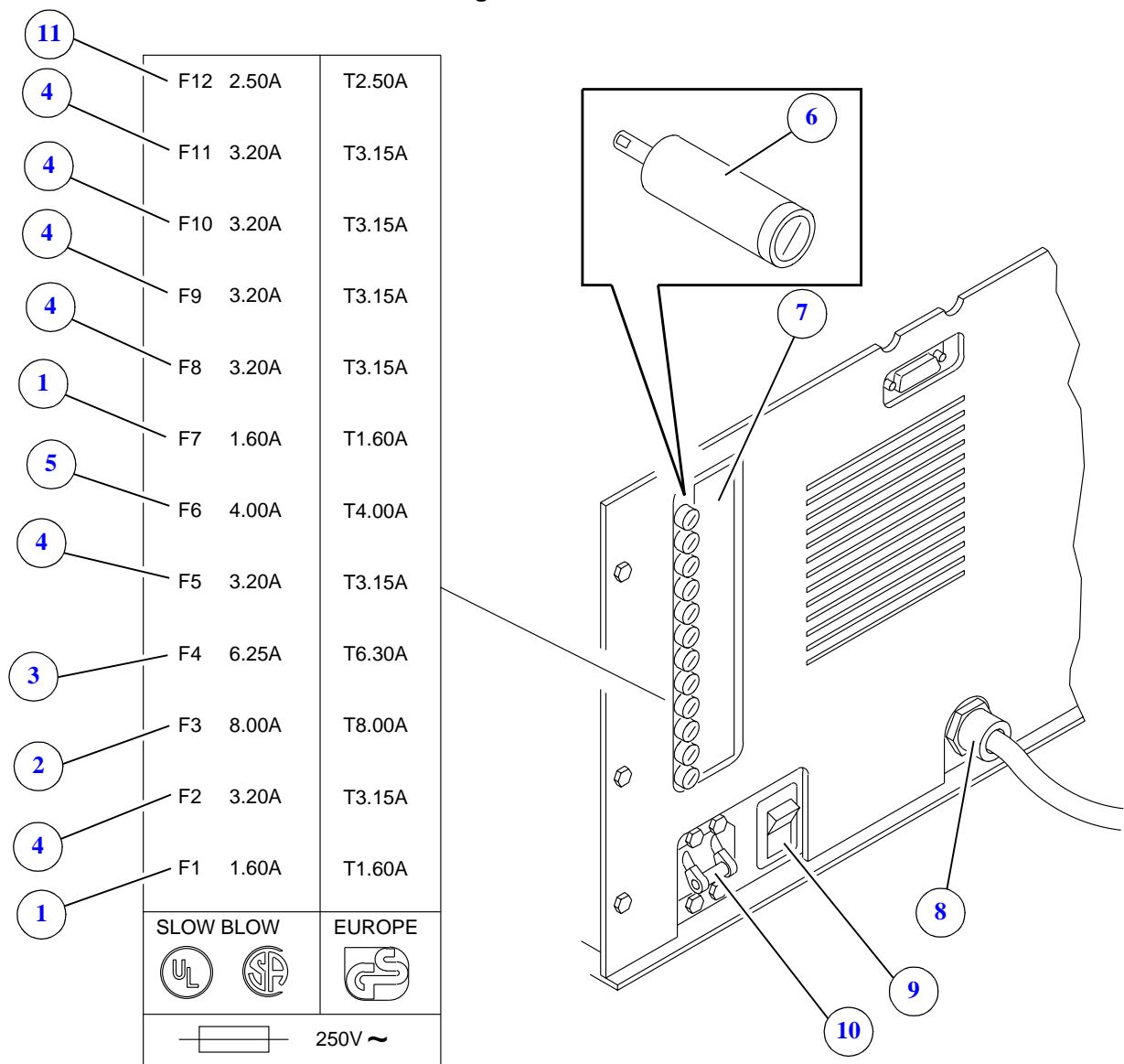


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H186_0075DC

Figure 53 POWER SUPPLY AY

Item	Part No.	Description	Quantity	Notes
	9404803SOP	POWER SUPPLY AY - complete	1	Not available in stock.
1	4532816	FUSE HOLDER	13	
2	4532806	RECTIFIER	1	
3	4532796	CAPACITOR - 22000, micro F/40 V, C1	1	
4	9308696	TRANSFORMER - T1	1	
5	4282806	SCREW - M4 x 16	6	
6	9228660	TRANSFORMER - T2	1	
7	9187856	FILTER	1	
8	4533256	JUMPER AY	2	
9	4533186	TERMINAL BLOCK	4	
10	4533236	TERMINAL BLOCK	2	
11	4533266	BRACKET	2	
12	9405071	RELAY - K1	2	Located on RELAY K2.
13	9407031P	RELAY - K2, white	1	
14	9407041P	RELAY - Aux K2	1	
15	4853266	CAPTIVE NUT	2	
16	4853251	LOCK NUT - M4	4	
17	4533226	FILTER - EMI	1	
18	4533696	INSULATING PLATE	1	
19	9309500	BOARD - power supply, A0	1	
20	4534011	FUSE - 2.5 A, F12 and F13, UL/CSA	1	
	H4524861	FUSE - 2.5 A, F12 and F13, Europe	1	
21	9407021S	RESISTOR - 75 ohm	1	
22	9407051P	MOTOR - power supply, fan, M17	1	

Figure 54 FUSES



H186_0069DCA
H186_0069DC

Figure 54 FUSES

Item	Part No.	Description	Quantity	Notes
1	4516426	FUSE T - 1.6 A, Europe	3	
	4533671	FUSE - slow blow, 1.6 A, UL/CSA	3	
2	4534166	FUSE T - 8 A, Europe	1	
3	4534156	FUSE - slow blow, 8.0 A, UL/CSA	1	
	4533666	FUSE T - 6.3 A, Europe	1	
	4534036	FUSE - slow blow, 6.25 A, UL/CSA	1	
4	4516096	FUSE T - 3.15 A, Europe	5	
5	4533686	FUSE - slow blow, 3.2 A, UL/CSA	5	
	4531826	FUSE T - 4.0 A, Europe	1	
6	4534026	FUSE - slow blow, 4.0 A, UL/CSA	1	
	4532826	FUSE CAP - Europe	11	
	4532836	FUSE CAP - UL/CSA	11	
7	9407351S	FUSE LABEL	1	
8	4527776	STRAIN RELIEF	1	
9	9228680	CIRCUIT BREAKER - CB1	1	
10	9228640	CIRCUIT BREAKER - CB2	1	
11	4534011	FUSE - 2.5 A, F12 and F13, UL/CSA	1	
	H4524861	FUSE - 2.5 A, F12 and F13, Europe	1	

BOARDS

Figure 55 MAIN PROCESSOR BOARD A1 - old style

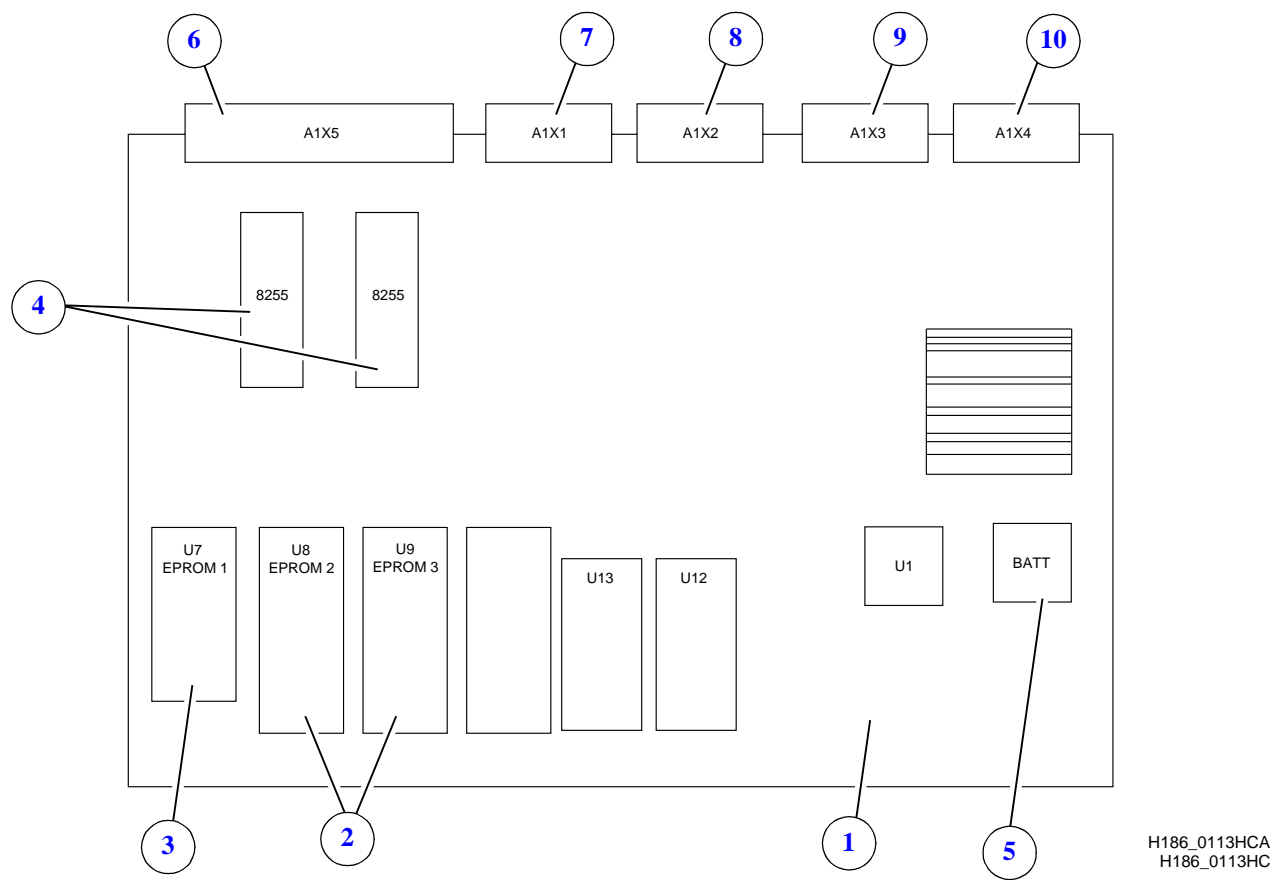
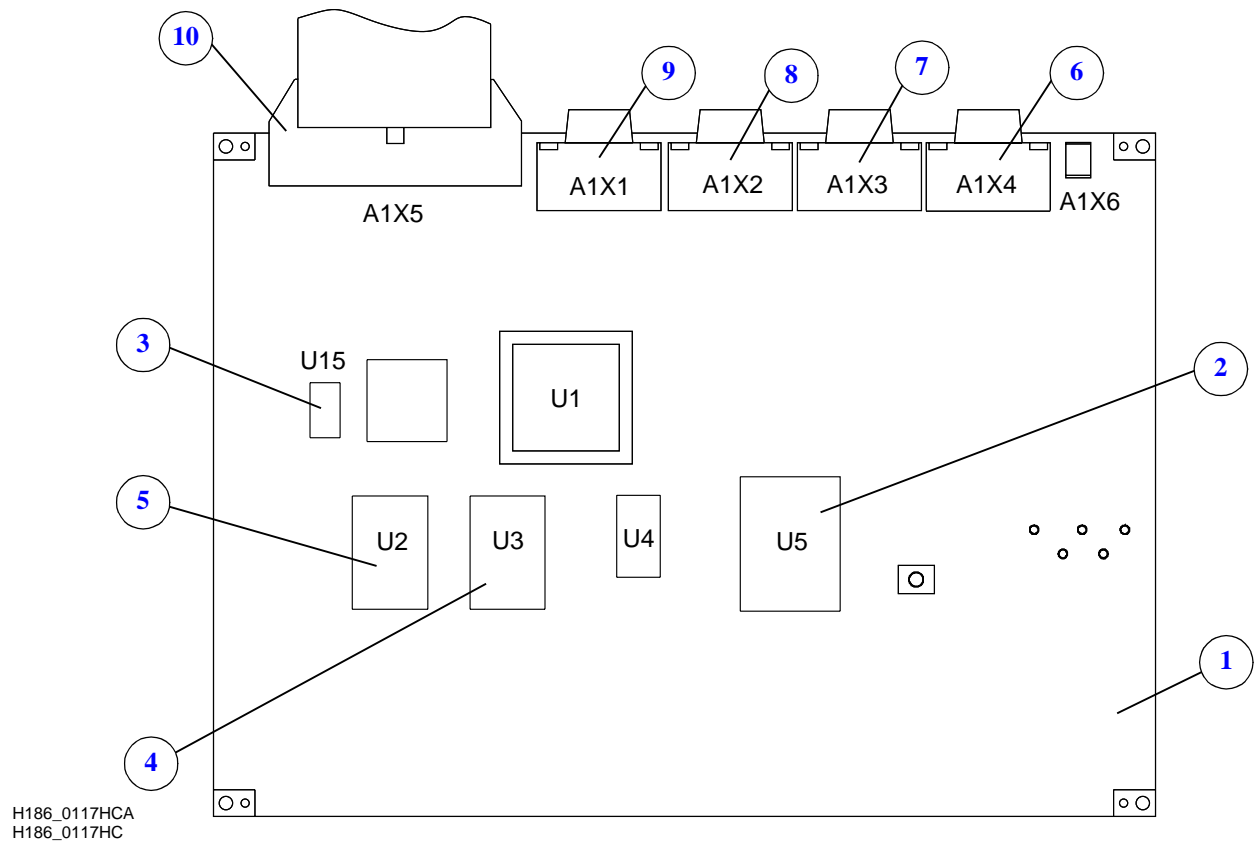


Figure 55 MAIN PROCESSOR BOARD A1 - old style

Item	Part No.	Description	Quantity	Notes
1	-----	BOARD - main processor, A1	1	Not available. Order MAIN PROCESSOR BOARD A1 - new style on Page 75 .
2	9308826	E-PROM - flash, U8 and U9	1	Not available. Order MAIN PROCESSOR BOARD A1 - new style on Page 75 .
3	-----	E-PROM - boot, U7	1	
4	4526191	IC 8255	2	
5	4532221	BATTERY - 3 V, lithium	1	
6	SP9405421P	CABLE - A1X5 to A2X1	1	
7	9228900	CABLE - A1X1 to A8X33	1	
8	SP9404933P	CABLE - A1X2 to A4X29	1	
9	SP9404913P	CABLE - A1X3 to processor J29	1	
10	9403851P	CABLE - A20X2 to A1X4	1	

Figure 56 MAIN PROCESSOR BOARD A1 - new style**Figure 56 MAIN PROCESSOR BOARD A1 - new style**

Item	Part No.	Description	Quantity	Notes
1	SP9405901	BOARD - main processor, A1	1	
2	1F5477	BATTERY - power cap	1	
3	1F5478	PROM - serial, U15	1	
4	1F5480	E-PROM - flash, U3	1	
5	1F5479	E-PROM - boot, U2	1	
6	9403851P	CABLE - A20X2 to A1X4	1	
7	SP9404913P	CABLE - A1X3 to processor J29	1	
8	SP9404933P	CABLE - A1X2 to A4X29	1	
9	9228900	CABLE - A1X1 to A8X33	1	
10	SP9405421P	CABLE - A1X5 to A2X1	1	

Figure 57 DISPLAY AY

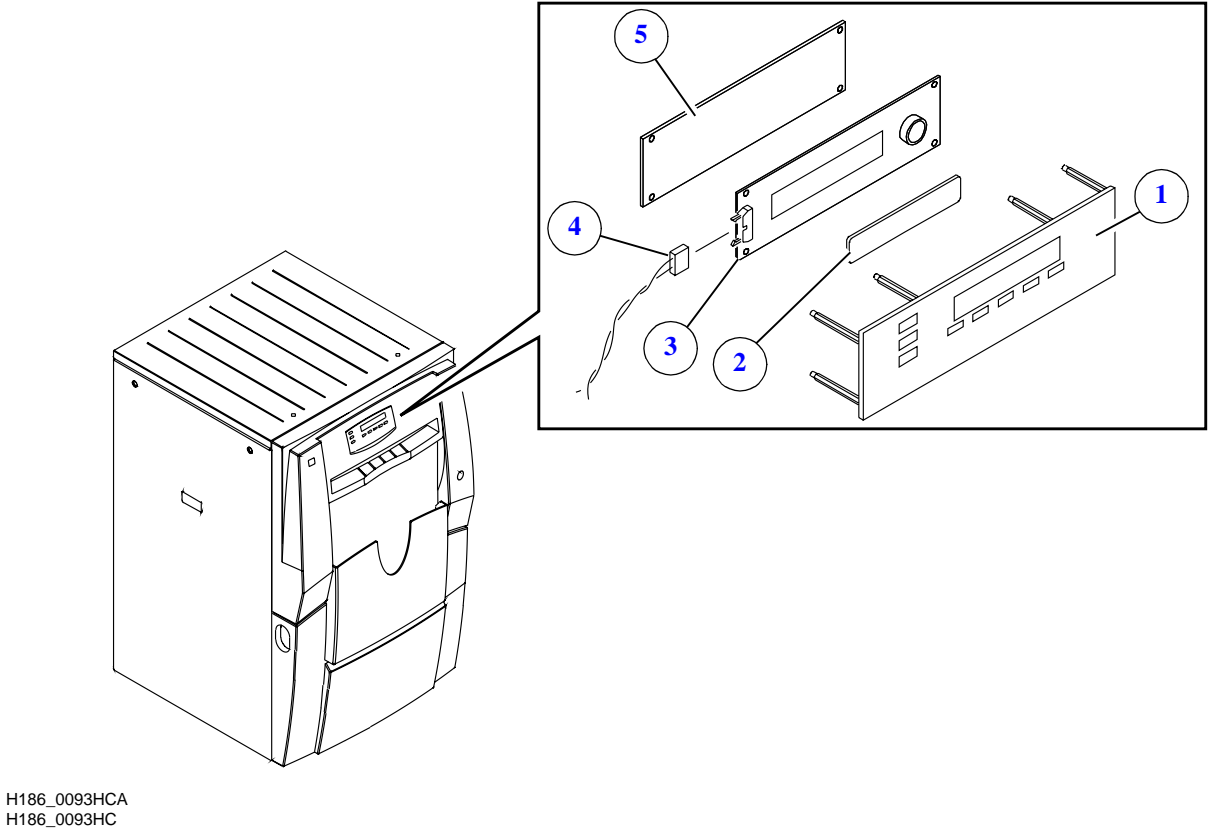


Figure 57 DISPLAY AY


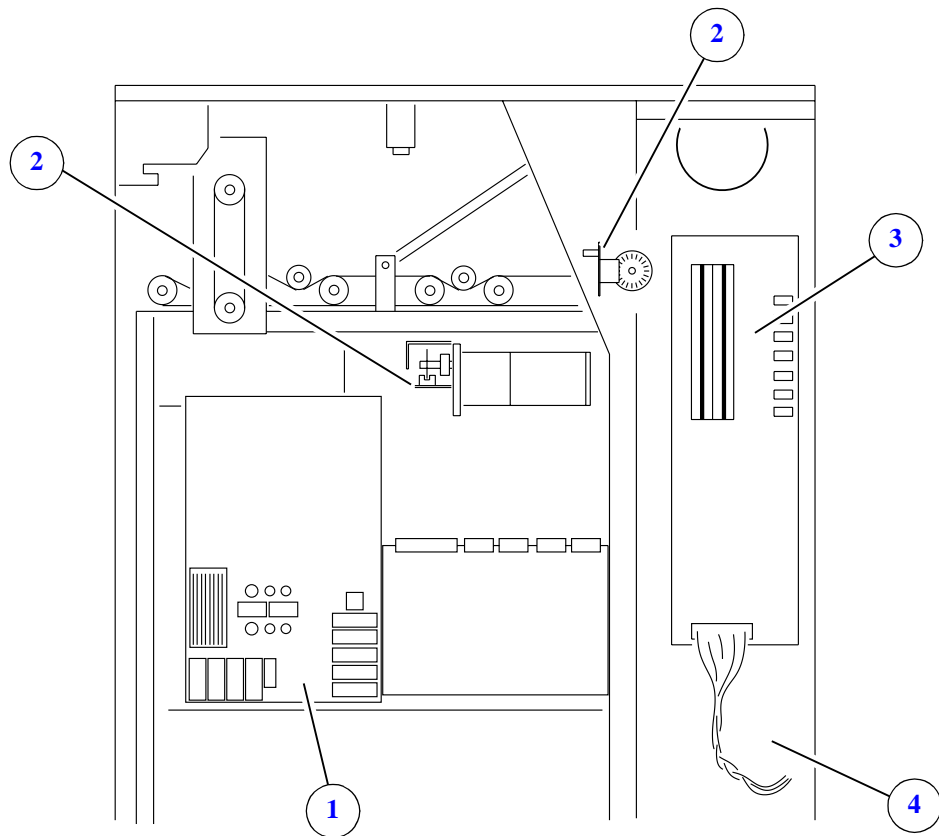
Item	Part No.	Description	Quantity	Notes
1	9304166	KEYPAD - operator	1	 Caution Has a small amount of MERCURY. For disposal, contact your local authorities.
2	9287396	DISPLAY - operator interface, lcd	1	
3	9308520	BOARD - operator interface, A2	1	
4	SP9405421P	CABLE - A1X5 to A2X1	1	
5	9217091	PLATE - insulating	1	

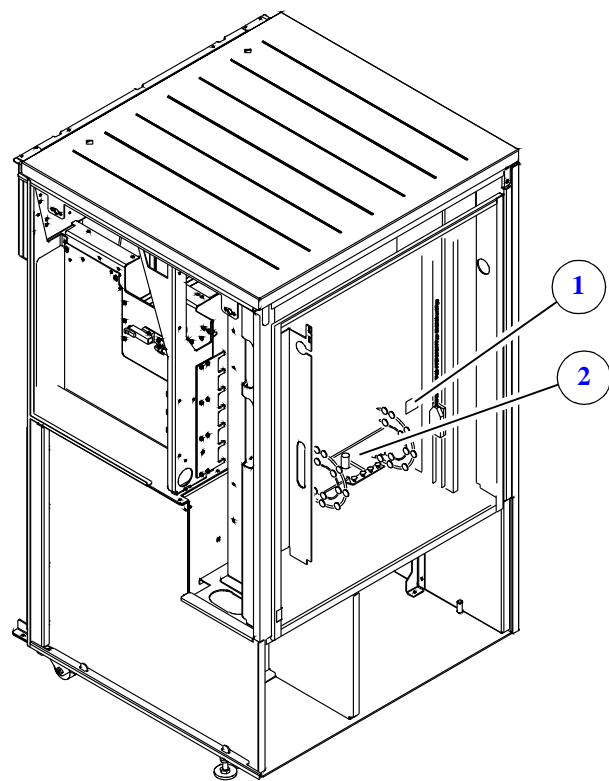
Figure 58 BOARDS and CABLES

H186_0035HCA
H186_0035HC

**Figure 58 BOARDS and CABLES**

Item	Part No.	Description	Quantity	Notes
1	SP9403701	BOARD - cassette interface, A8	1	With CODE DISK.
2	9228620	BOARD - cassette width, A10	2	
3	SP9402781	BOARD - magazine interface, A4	1	
4	9403841P	CABLE - A20X3 to A4X1	1	Not visible in graphic.
	SP9404933P	CABLE - A1X2 to A4X29	1	
	9228900	CABLE - A1X1 to A8X33	1	

Figure 59 BOARDS A5 and A7

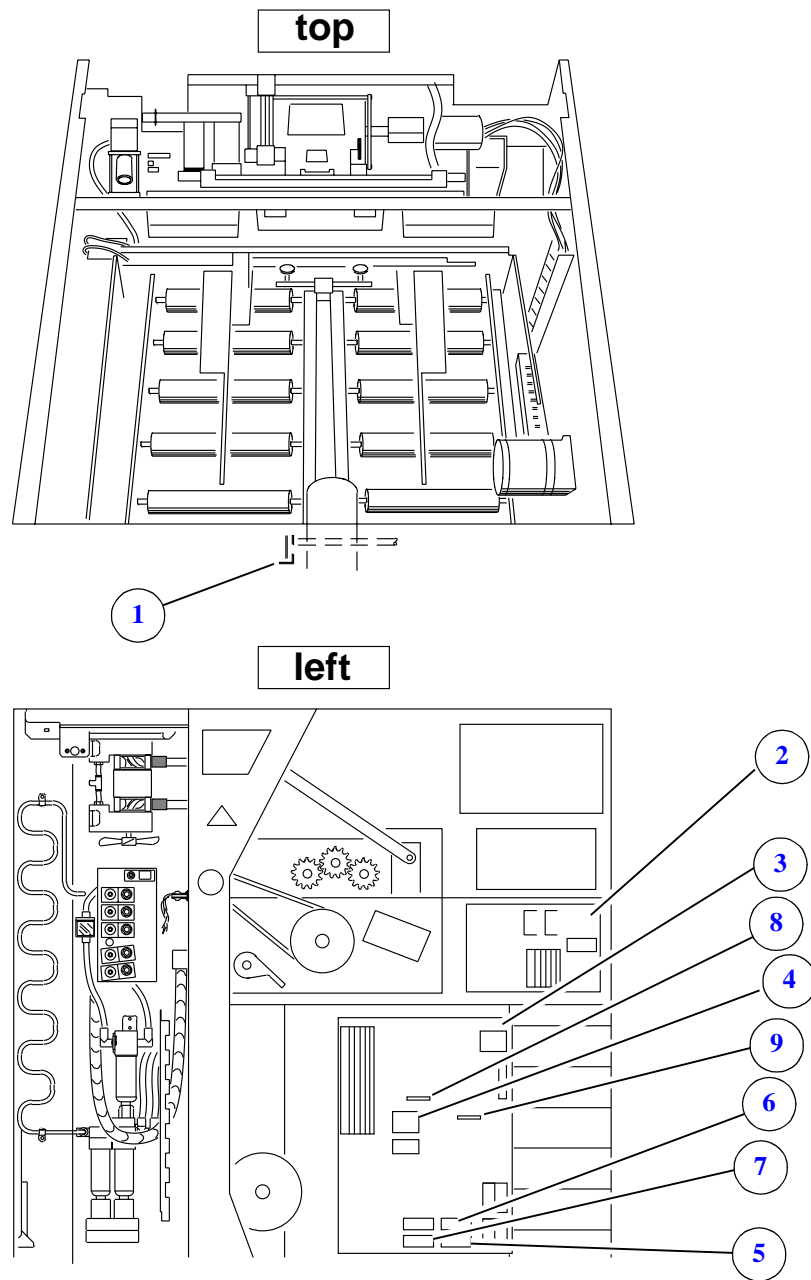


H186_0036GCA
H186_0036GC

Figure 59 BOARDS A5 and A7

Item	Part No.	Description	Quantity	Notes
1	9228580	BOARD - level control, A7	1	Includes SENSORS B30 - B32.
2	9402791P	BOARD - film pocket, A5	1	Includes SENSORS B56 - B58.
	9218843	CABLE - ribbon, A5X4 to A7X1	1	Not visible in graphic.

Figure 60 BOARDS A9, A10, and A20



H186_0037DCA
H186_0037DC

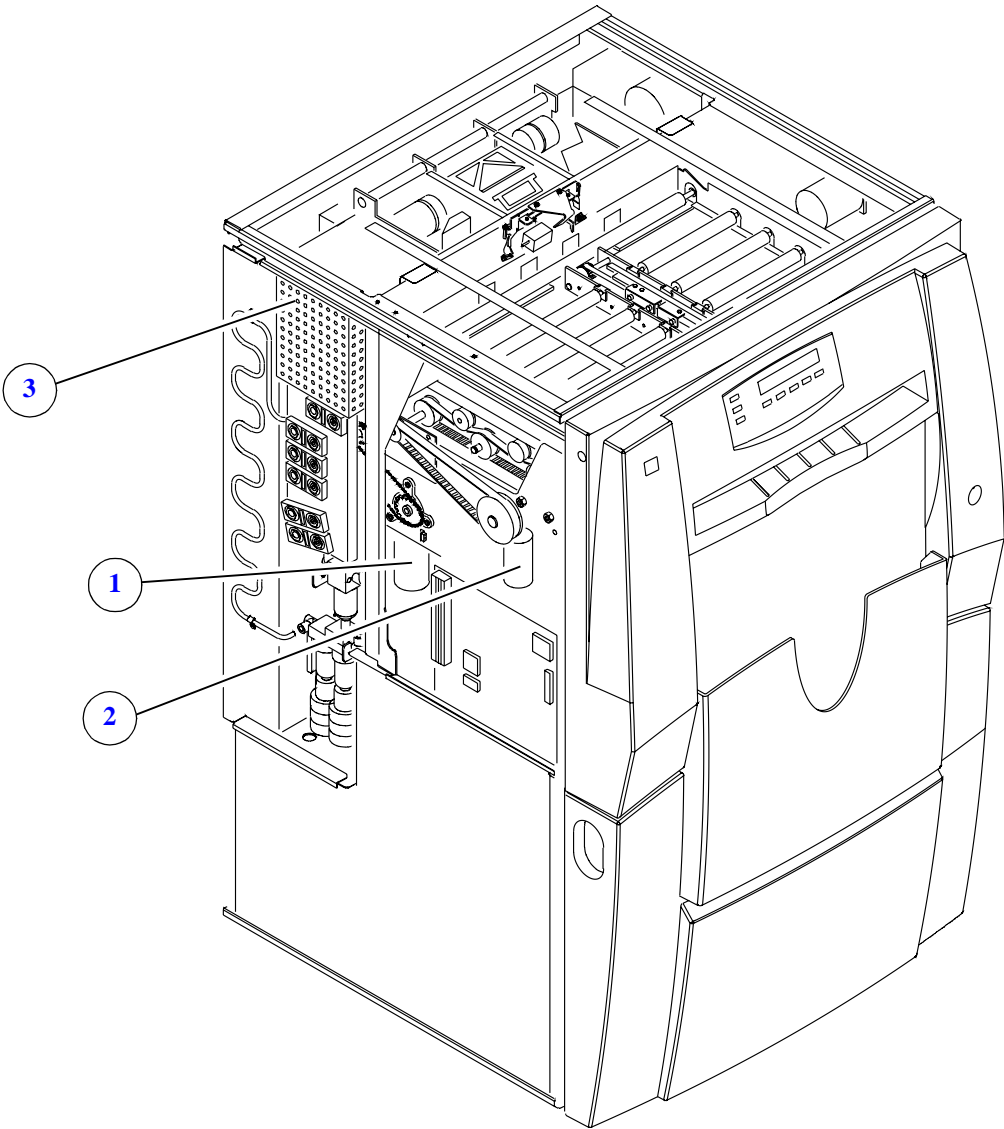
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Figure 60 BOARDS A9, A10, and A20

Item	Part No.	Description	Quantity	Notes
1	9228620	BOARD - cassette width, A10	1	Includes ODOMETER.
2	9229570	BOARD - dc motor driver, A9	1	
3	9402661P	BOARD - magazine shuttle mechanism, A20	1	
4	1F2407	E-PROM - boot	1	
5	9403831P	CABLE - A20X1 to RS-232 service	1	
6	9403851P	CABLE - A20X2 to A1X4	1	
7	9403841P	CABLE - A20X3 to A4X1	1	
8	1F7950	FUSE - SI1, 200 mA	1	
9	1F7951	FUSE - SI2, 1 A	1	

MOTORS

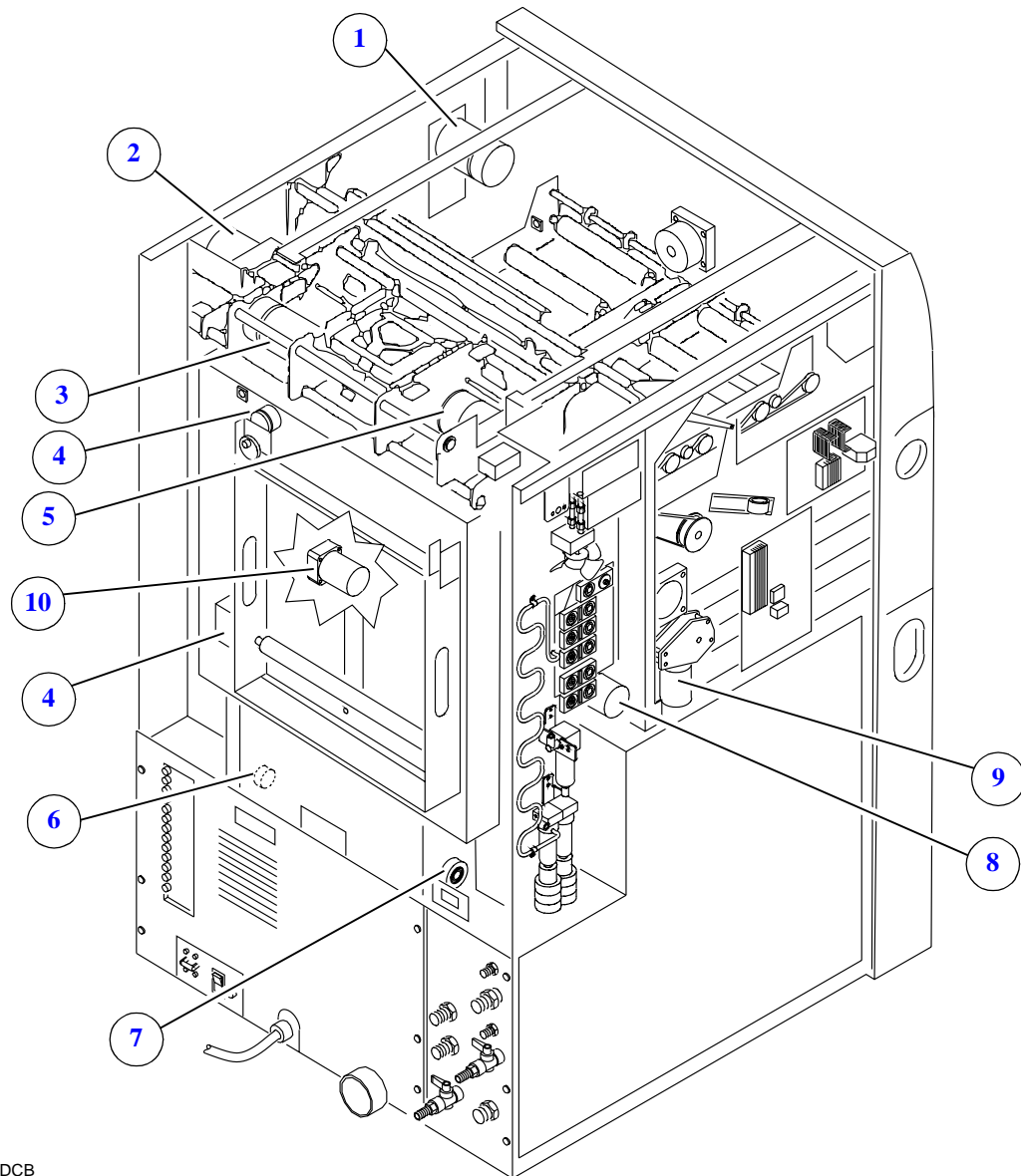
Figure 61 MOTORS M2 and M5



H186_0038DCA
H186_0038DC

Figure 61 MOTORS M2 and M5

Item	Part No.	Description	Quantity	Notes
1	9228020	MOTOR - cassette opener, M5	1	
2	9228010	MOTOR - cassette input, M2	1	
3	9404773P	MOTOR - compressor, M16	1	

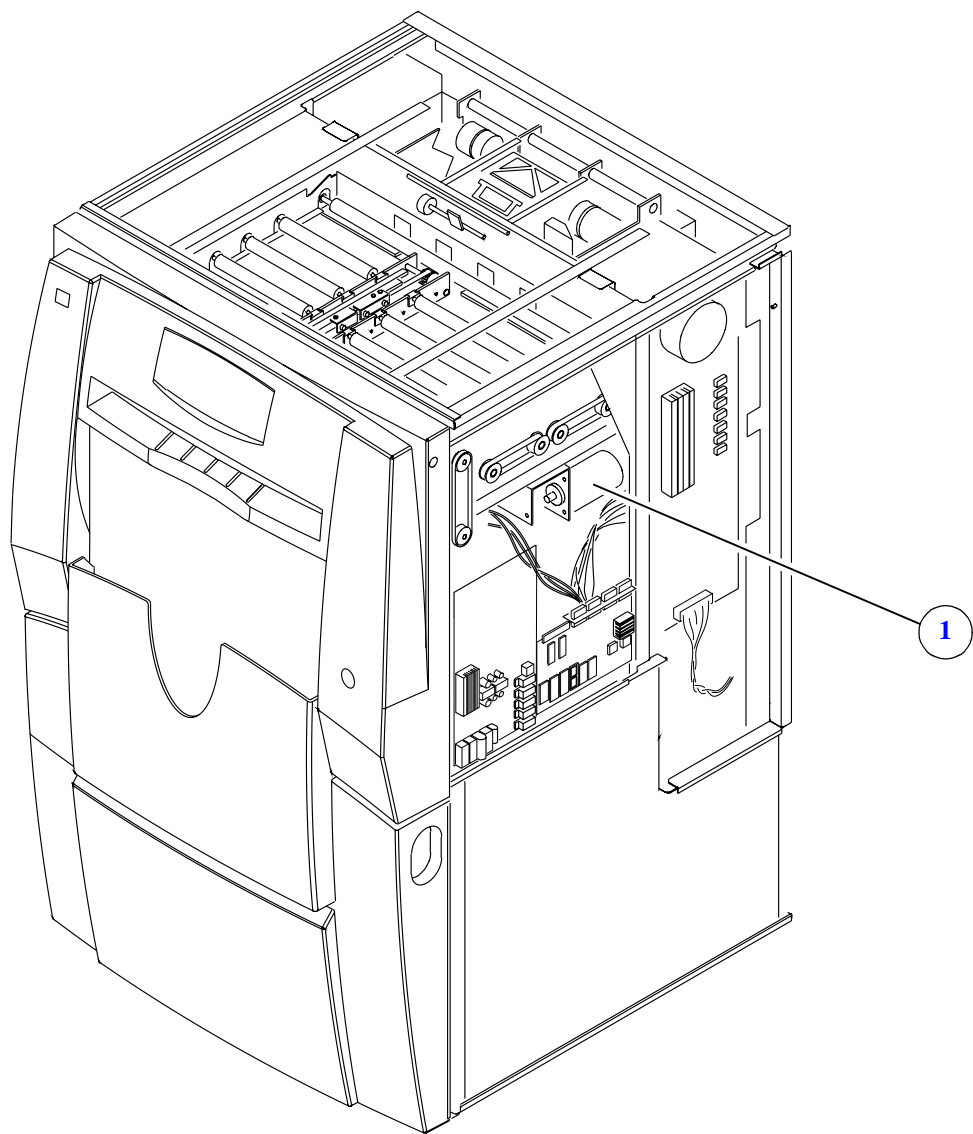
Figure 62 TRANSPORT, FAN and STEPPER MOTORS

H186_0003DCB
H186_0003DC

Figure 62 TRANSPORT, FAN and STEPPER MOTORS

Item	Part No.	Description	Quantity	Notes
1	9228040	MOTOR - holding finger, M3	1	
2	9228080	MOTOR - film pocket stepper, M10	1	
3	9228100	MOTOR - cassette film pickup, M6	1	
4	9228120	MOTOR - interface flap, M11, film release, M12	1	
5	9228110	MOTOR - roller pickup, M7	1	
6	9250176	MOTOR - processor interface, M13, magazine opener, M21	1	MOTOR M13
7	9226000	MOTOR - fan 2 processor interface, M18	2	
8	9250176	MOTOR - processor interface, M13, magazine opener, M21	1	MOTOR M21
9	9403741P	MOTOR - magazine shuttle mechanism, M20	1	
10	9228070	MOTOR - film pocket sucker bar, M15	1	

Figure 63 MOTOR M4



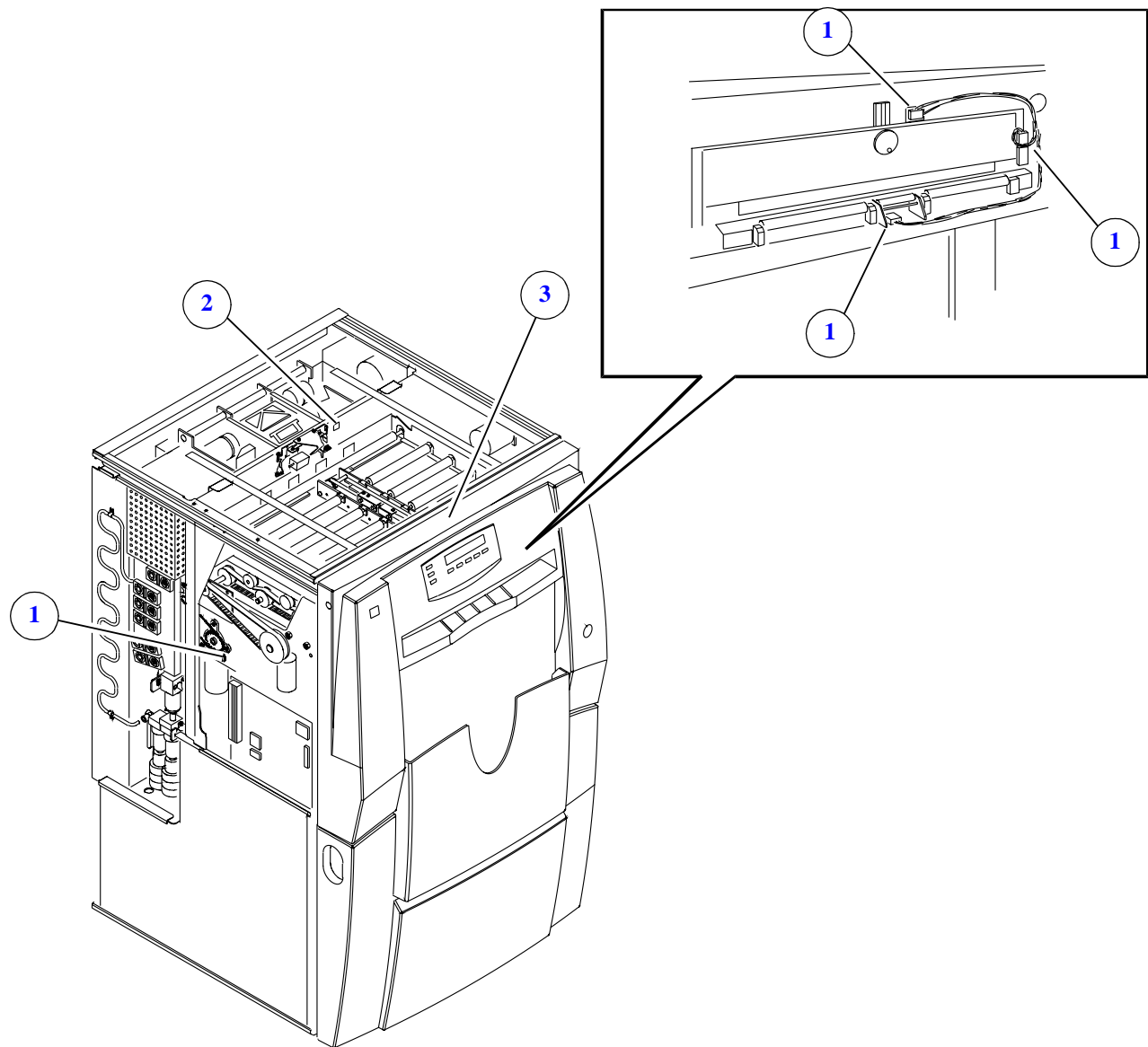
H186_0040DCA
H186_0040DC

Figure 63 MOTOR M4

Item	Part No.	Description	Quantity	Notes
1	9228030	MOTOR - cassette centering, M4	1	

SENSORS

Figure 64 INTERLOCK SWITCH



H186_0041DCA
H186_0041DC

Figure 64 INTERLOCK SWITCH

Item	Part No.	Description	Quantity	Notes
1	9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	4	SENSOR B2, B3, B4, B15
2	9228991	SENSOR - B17, B18, B20, B21, B22, B35	1	SENSOR B20
3	9263051	SENSOR - interlock switch	1	Includes MAGNET, see Hardware on Page 10 .

Figure 65 SENSORS and CIRCUIT BREAKERS

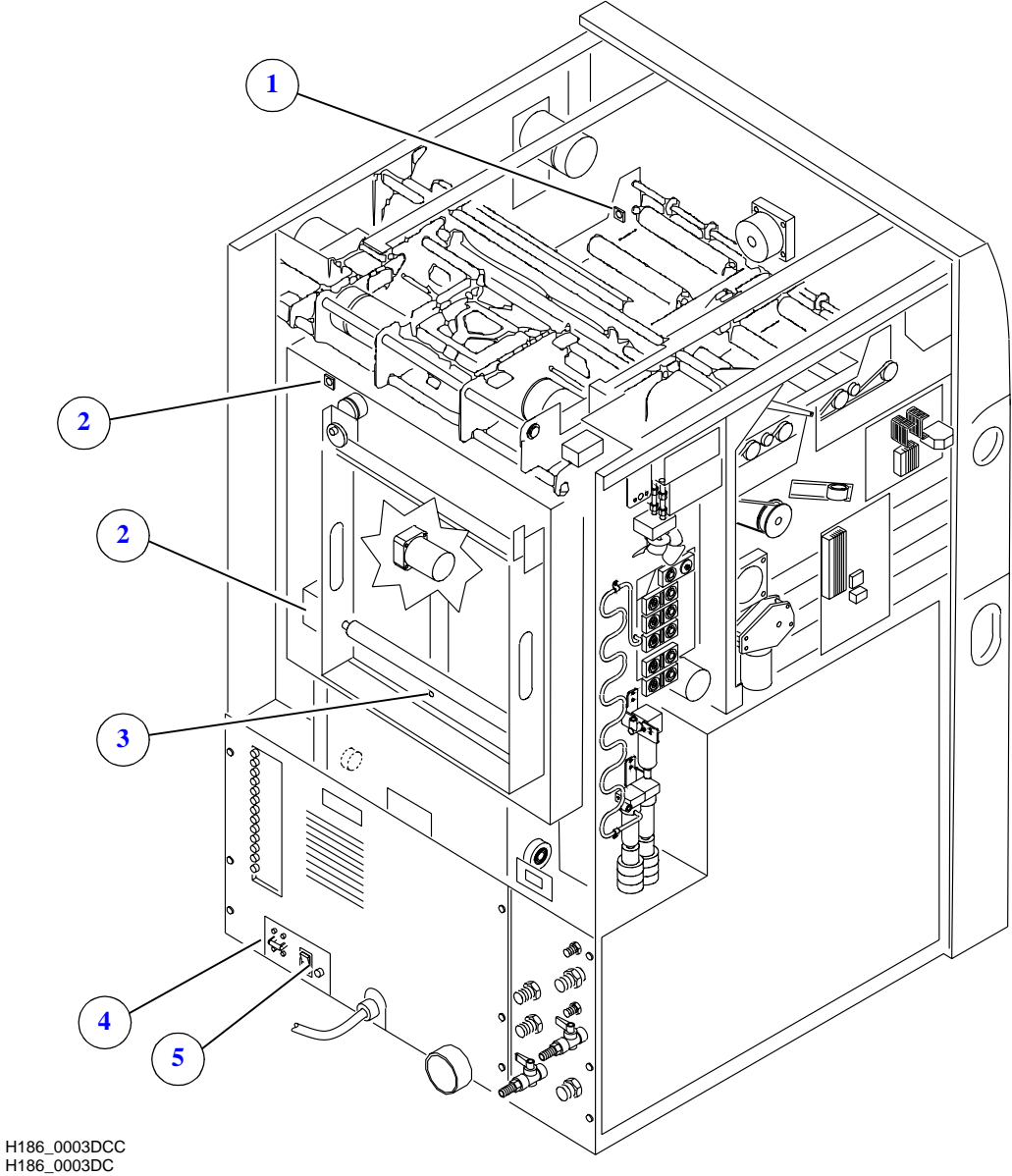
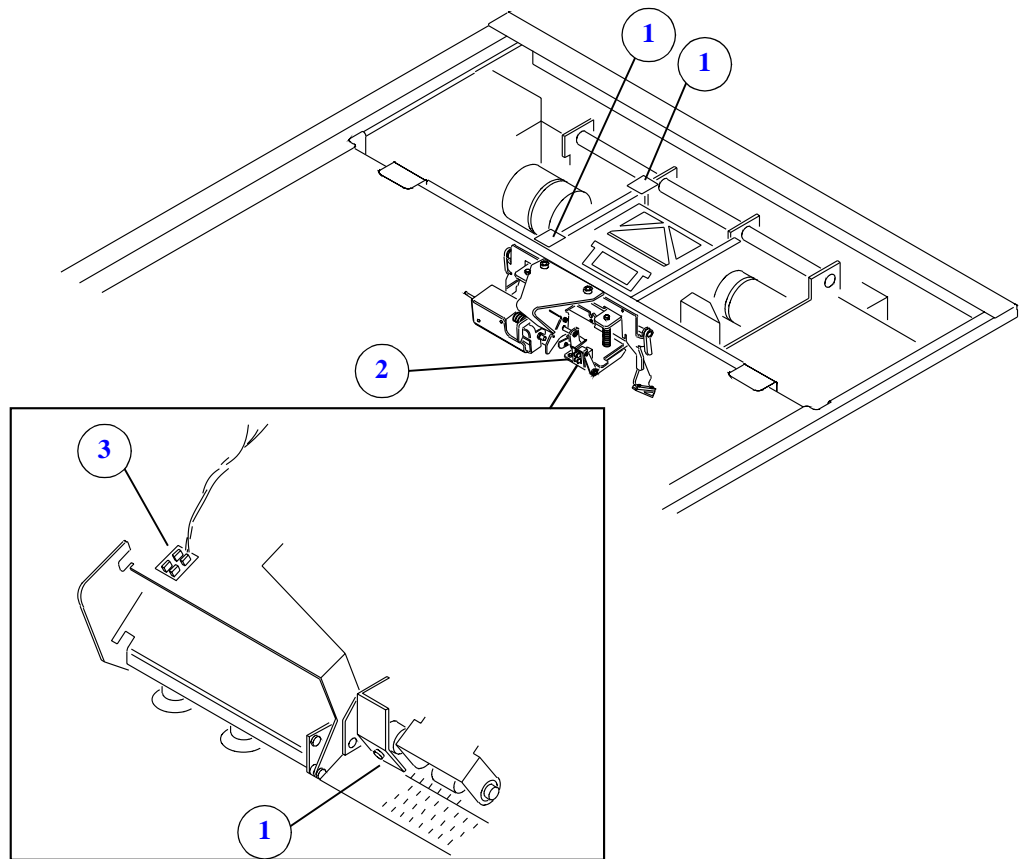


Figure 65 SENSORS and CIRCUIT BREAKERS

Item	Part No.	Description	Quantity	Notes
1	9228980	SENSOR - B24, B60	1	SENSOR B24
2	9216236	SENSOR - B33, B34	2	
3	9228991	SENSOR - B17, B18, B20, B21, B22, B35	1	SENSOR B35
4	9228640	CIRCUIT BREAKER - CB2	1	
5	9228680	CIRCUIT BREAKER - CB1	1	

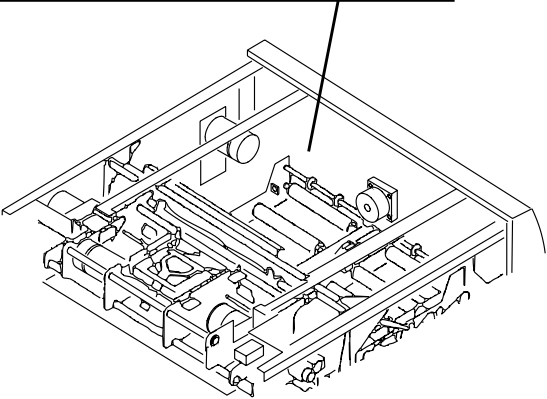
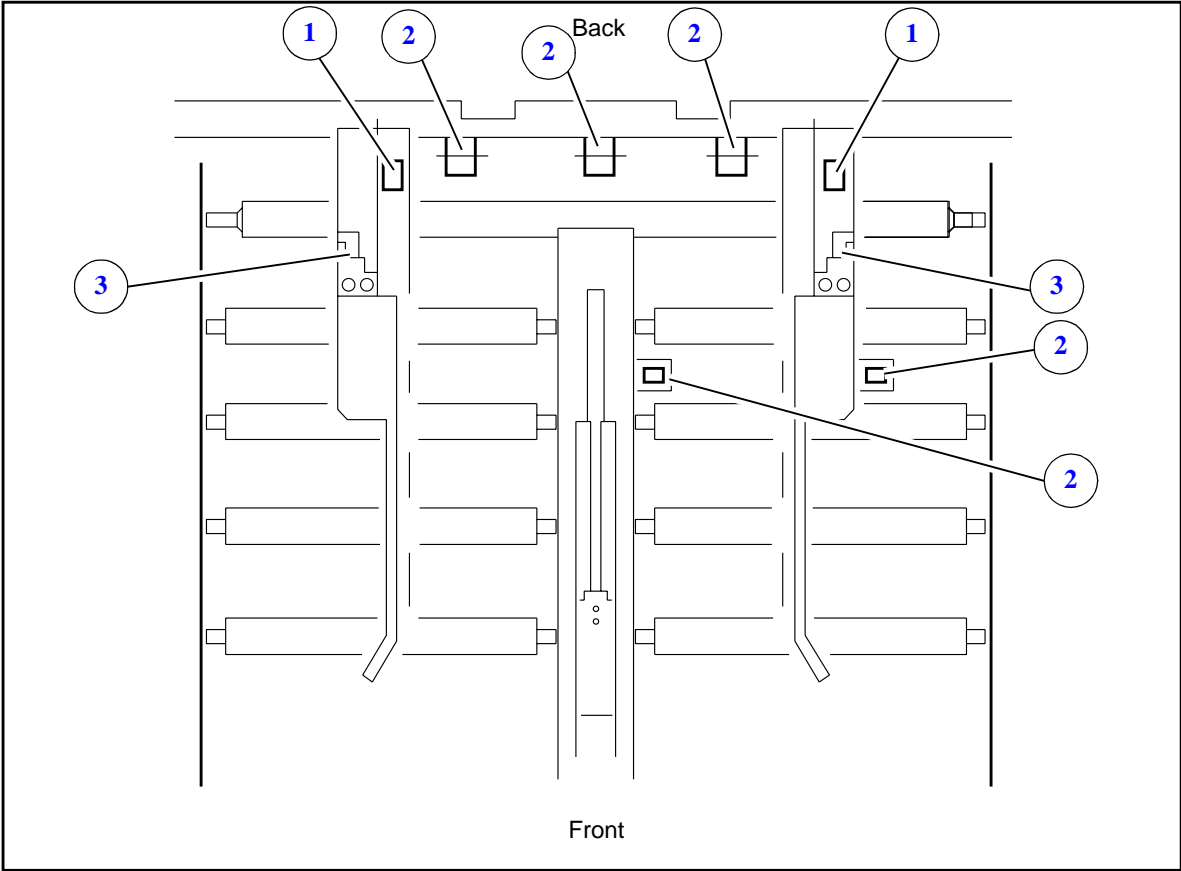
Figure 66 CONVEYOR SENSORS

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H186_0042HC

Figure 66 CONVEYOR SENSORS

Item	Part No.	Description	Quantity	Notes
1	9228991	SENSOR - B17, B18, B20, B21, B22, B35	3	SENSOR B17, B18, B20
2	9228960	SENSOR - B16	1	
3	9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	1	SENSOR B19

Figure 67 CASSETTE TRANSPORT SENSORS



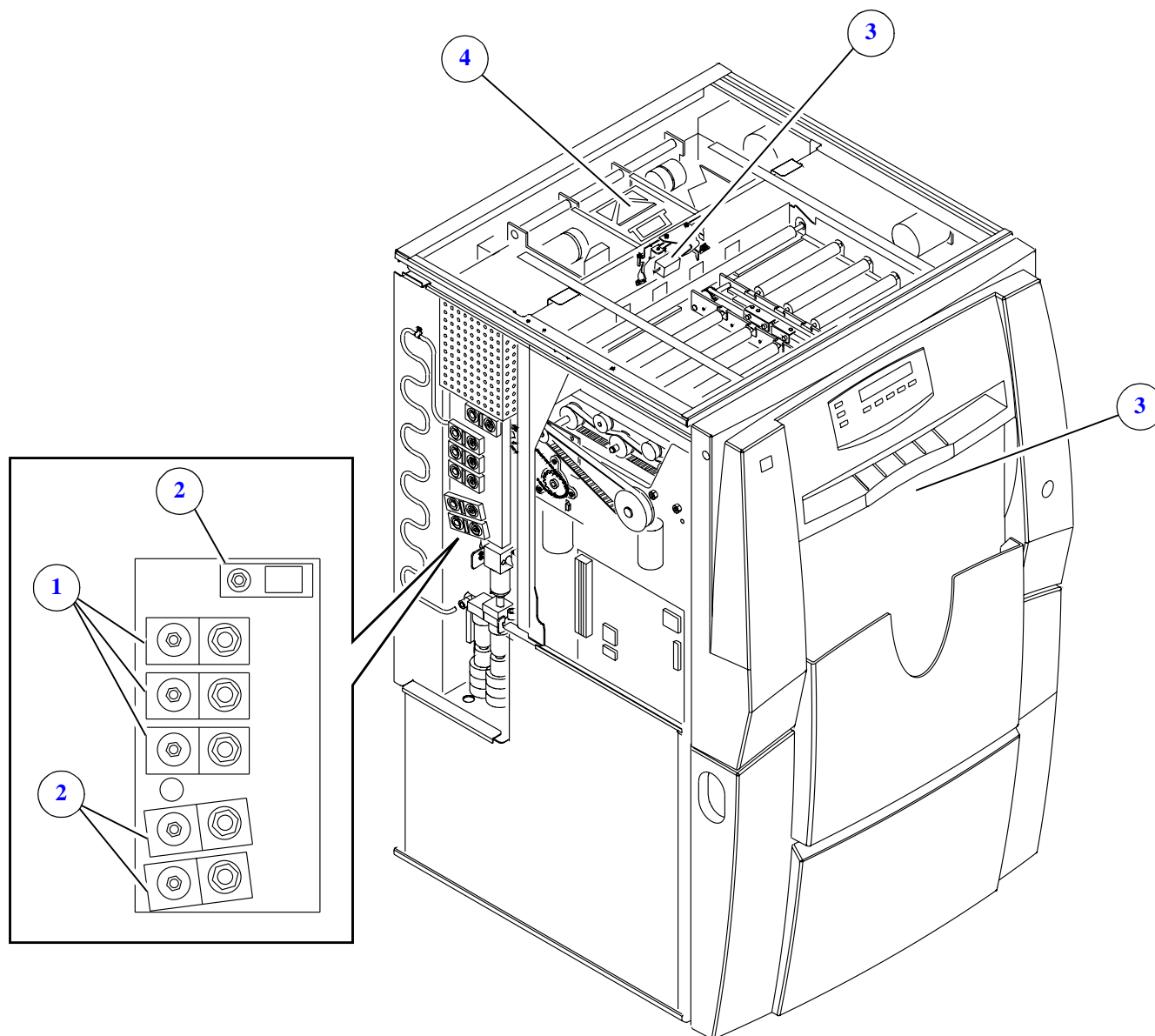
H186_0043DCA
H186_0043DC

Figure 67 CASSETTE TRANSPORT SENSORS

Item	Part No.	Description	Quantity	Notes
1	9228991	SENSOR - B17, B18, B20, B21, B22, B35	2	SENSOR B21, B22
2	9228950	SENSOR - B5, B6, B7, B9, B10	5	
3	9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	2	SENSOR B11, B12

SOLENOIDS

Figure 68 FRONT DOOR and PNEUMATICS

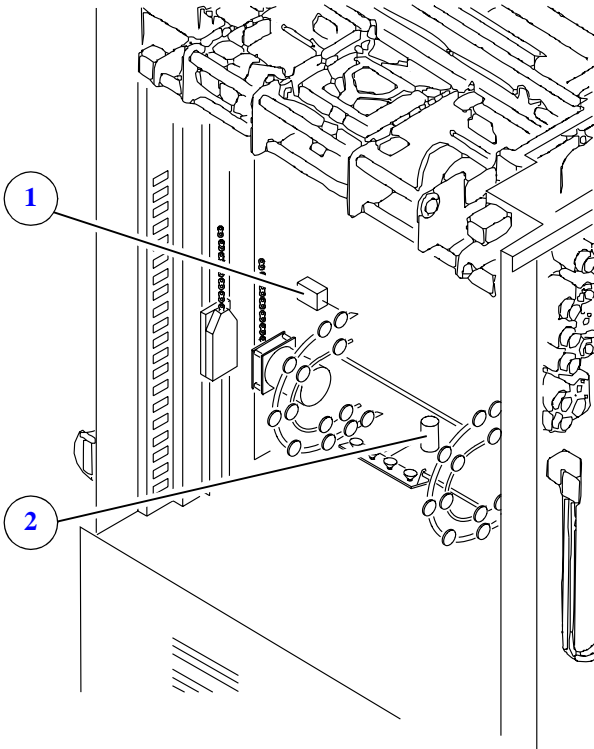


H186_0099DCA
H186_0099DC

Figure 68 FRONT DOOR and PNEUMATICS

Item	Part No.	Description	Quantity	Notes
1	9226010	SOLENOID - Y3, Y5, Y12	3	Y10, Y11
2	9226480	SOLENOID - Y6, Y10, Y11	2	
3	9222111	SOLENOID - Y1, Y4	2	
4	9223370	SOLENOID - Y7	1	

Figure 69 FILM POCKET



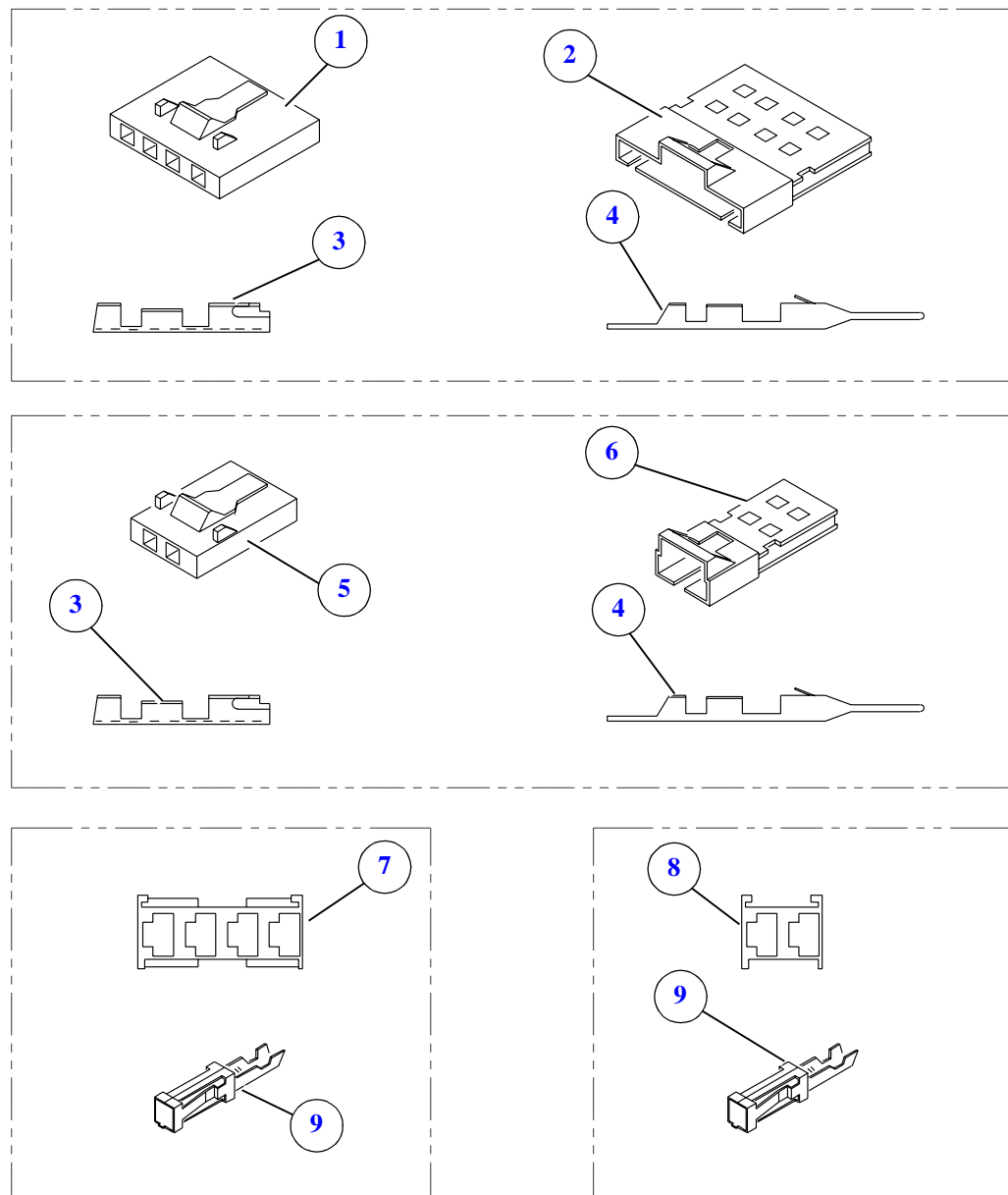
H186_0007GCB
H186_0007GC

Figure 69 FILM POCKET

Item	Part No.	Description	Quantity	Notes
1	9224410	SOLENOID - Y15	1	
2	9225333	SOLENOID - Y14	1	

CONNECTORS

Figure 70 SOCKET HOUSINGS

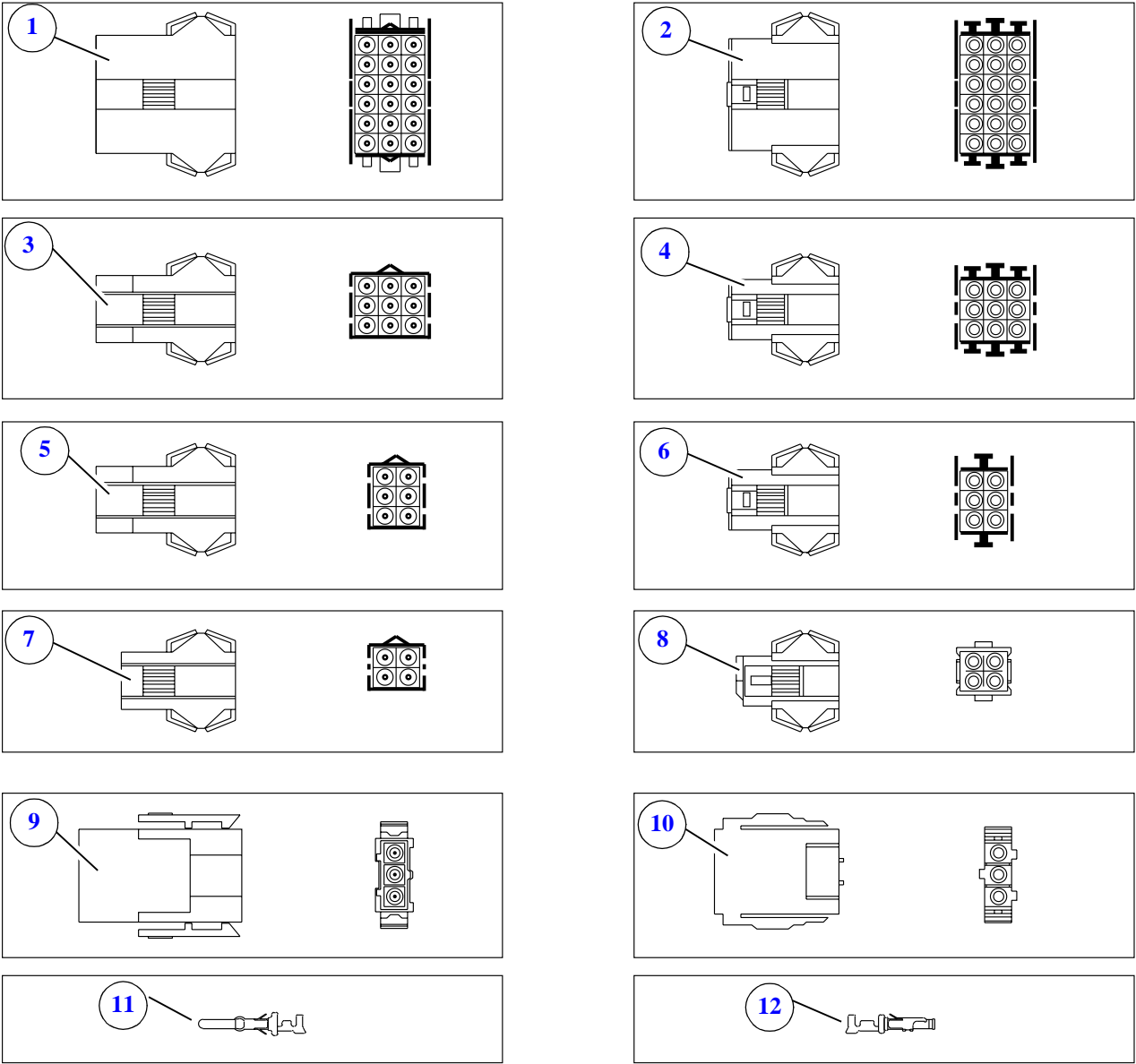


H186_0045DCA
H186_0045DC

Figure 70 SOCKET HOUSINGS

Item	Part No.	Description	Quantity	Notes
1	4533011	SOCKET HOUSING - amp	1	4 SOCKET
2	4533001	PIN HOUSING - amp	1	4 PIN
3	4532991	SOCKET	1	
4	4532981	PIN	1	
5	G9903834	SOCKET HOUSING - amp	1	2 SOCKET
6	G9903833	PIN HOUSING - amp	1	2 PIN
7	4532921	MODULE - amp	1	4 SOCKET
8	4532911	MODULE - amp	1	2 SOCKET
9	4532931	SOCKET	1	

Figure 71 SOCKET HOUSINGS - Large

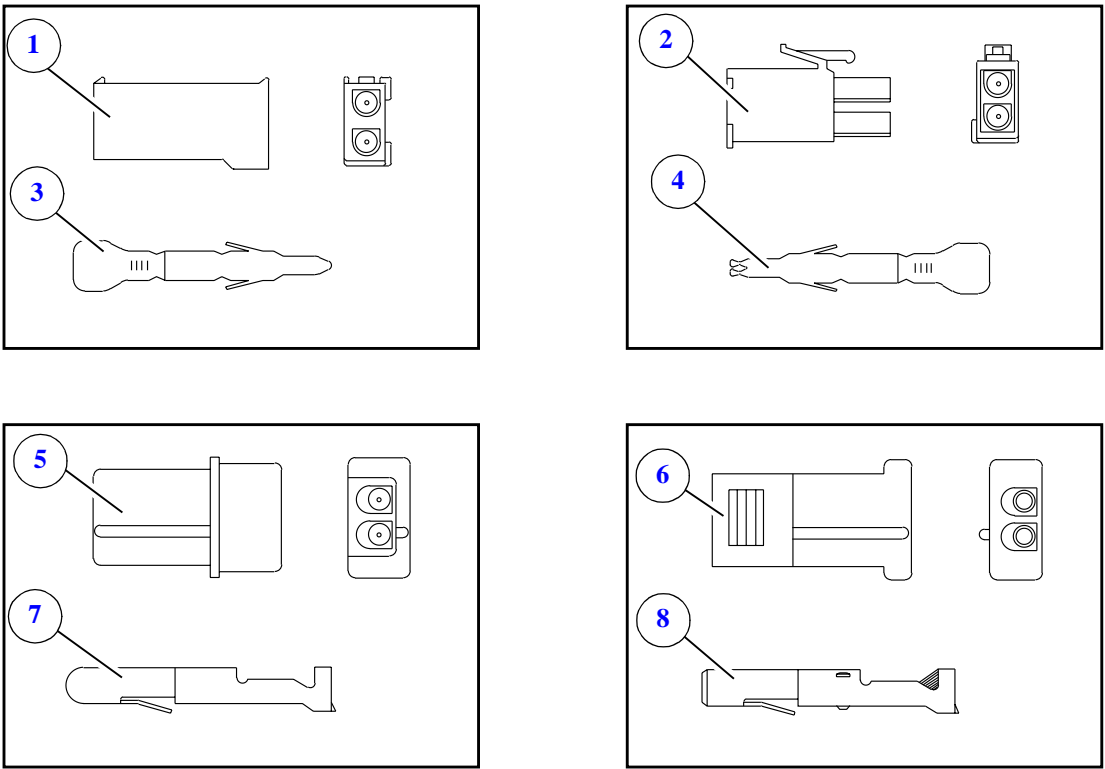


H186_0047DCA
H186_0047DC

Figure 71 SOCKET HOUSINGS - Large

Item	Part No.	Description	Quantity	Notes
1	4532891	HOUSING - 18 pin	1	
2	4532881	HOUSING - 18 socket	1	
3	4532901	HOUSING - 9 pin	1	
4	8431951	HOUSING- 9 socket	1	
5	4527621	HOUSING - 6 pin	1	
6	8601962	HOUSING - 6 socket	1	
7	8601961	HOUSING - 4 pin	1	
8	8601960	HOUSING - 4 socket	1	
9	8431972	HOUSING - 3 pin	1	
10	8431973	HOUSING - 3 socket	1	
11	4529801	PIN - 0.9 - 1.4 mm (0.035 - 0.055 in.)	1	
	4527661	PIN - 1.15 - 1.8 mm (0.045 - 0.070 in.)	1	
	4527671	PIN - 2.0 - 2.5 mm (0.078 - 0.098 in.)	1	
12	4533991	SOCKET - 0.9 - 1.4 mm (0.035 - 0.055 in.)	1	
	4527681	SOCKET - 1.15 - 1.8 mm (0.045 - 0.070 in.)	1	
	4527691	SOCKET - 2.0 - 2.5 mm (0.078 - 0.098 in.)	1	

Figure 72 SOCKETS and PINS



H186_0044HCA
H186_0044HC

Figure 72 SOCKETS and PINS

Item	Part No.	Description	Quantity	Notes
1	4534231	HOUSING - 2 pin	1	
2	4534241	HOUSING - 2 socket	1	
3	4534251	PIN	1	
4	4534261	SOCKET	1	
5	4532941	HOUSING - 2 pin	1	
6	4532951	HOUSING - 2 socket	1	
7	4532961	PIN	1	
8	4532971	SOCKET	1	

PNEUMATICS

Figure 73 PNEUMATIC SOLENOIDS

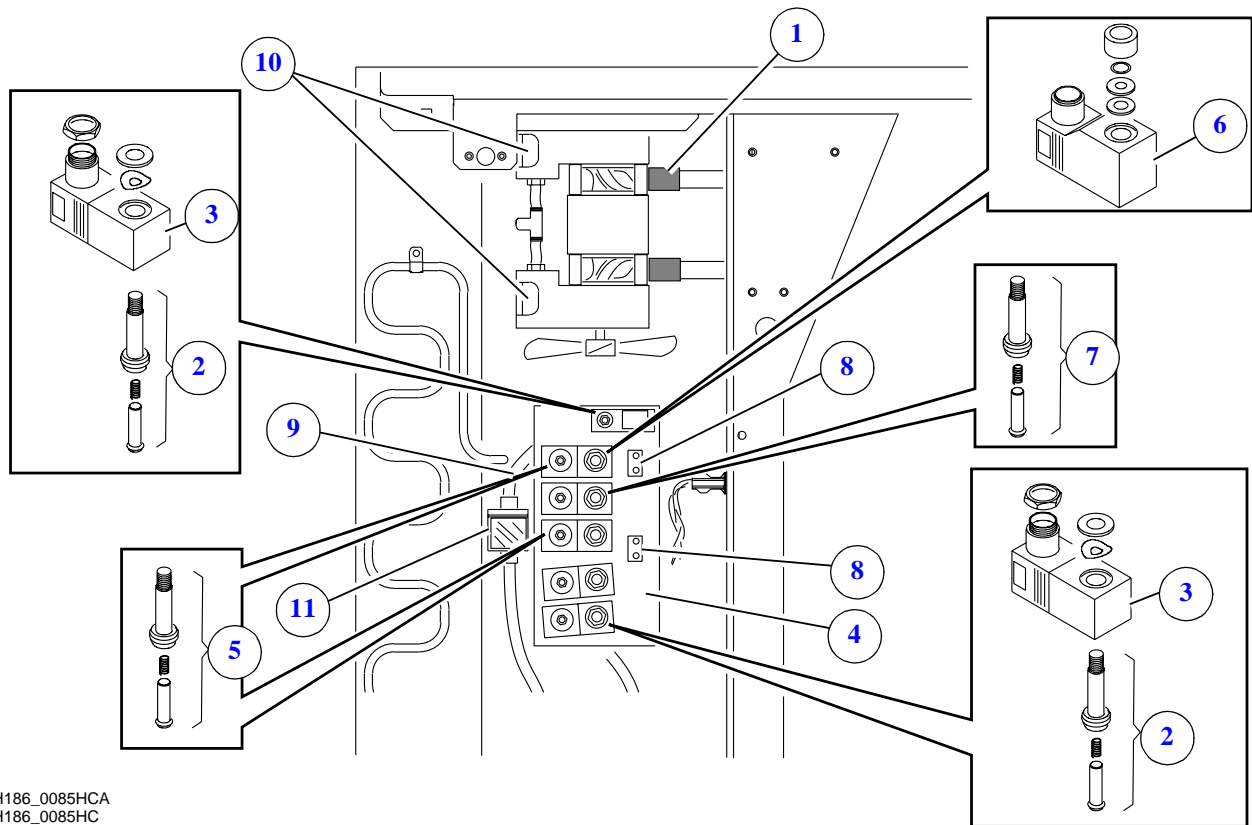
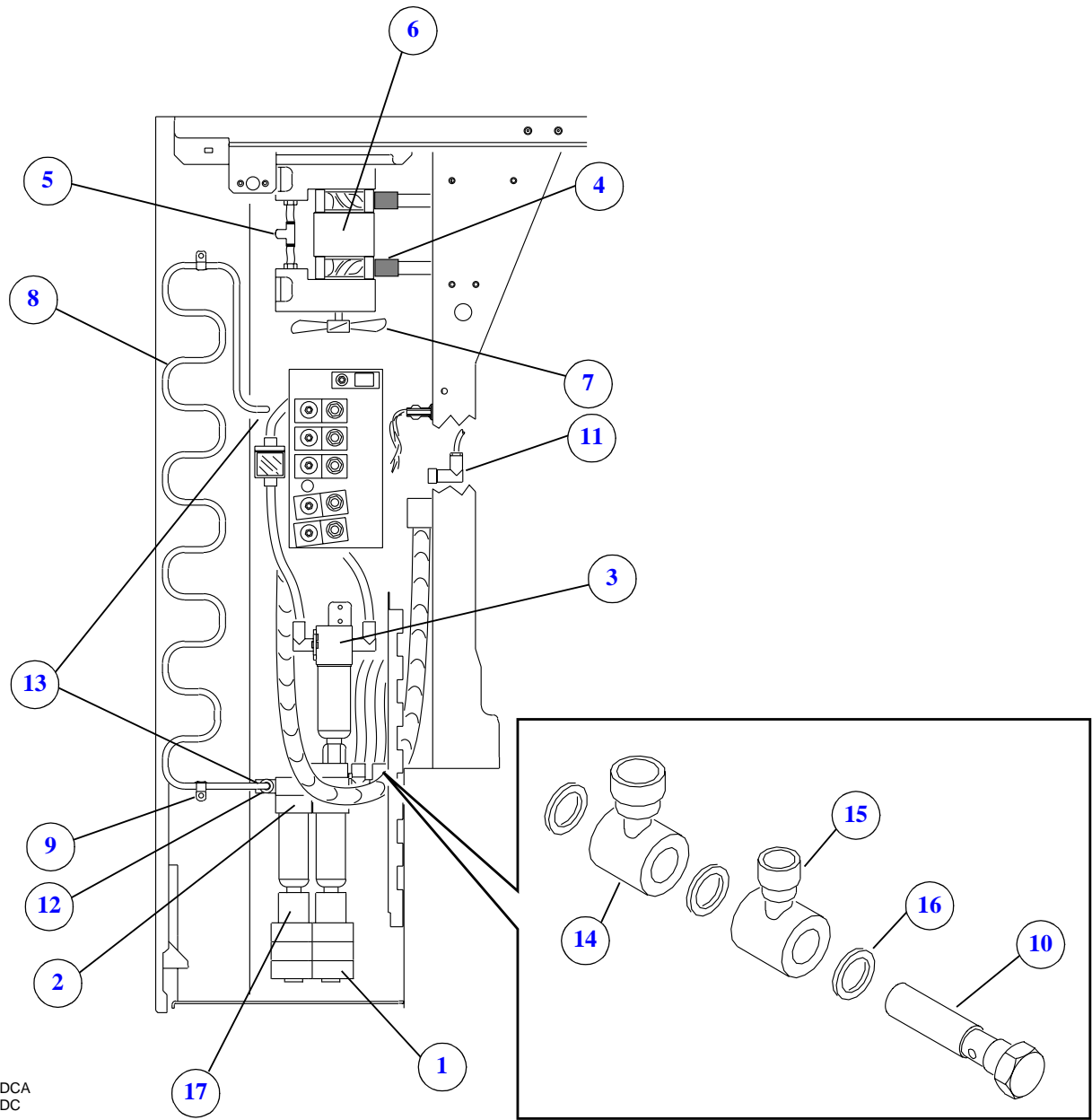


Figure 73 PNEUMATIC SOLENOIDS

Item	Part No.	Description	Quantity	Notes
1	9220010	SHOCK ABSORBER	1	Kit of 4, includes hardware.
2	9226030	PLUNGER AY	3	
3	9226480	SOLENOID - Y6, Y10, Y11	3	
4	9404462P	VALVE AY - complete	1	
5	9229040	PLUNGER	2	
6	9226010	SOLENOID - Y3, Y5, Y12	3	
7	9222670	PLUNGER	1	
8	9226490	VACUUM SWITCH	2	
9	9220170	HOSE - 3 mm (0.11 in.), blue, PU-PK3	1	
10	9225564	FITTING - compressor	4	Order by the length of 1 m (3.25 ft).
11	9186886	FILTER, air	1	

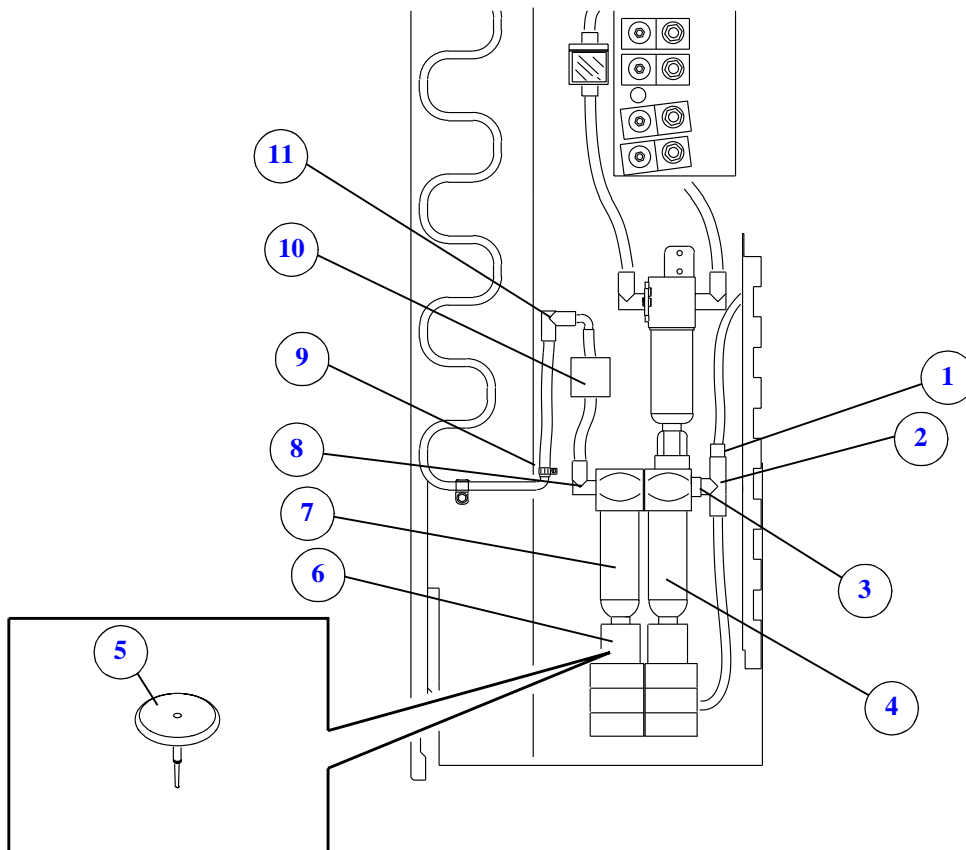
Figure 74 PNEUMATIC SYSTEM - without Modification No. 6



H186_0084DCA
H186_0084DC

Figure 74 PNEUMATIC SYSTEM - without Modification No. 6

Item	Part No.	Description	Quantity	Notes
1	9405101P	RING - felt	6	
2	9408392P	WATER TRAP AY - DUAL	1	
3	9225666	WATER TRAP AY - SINGLE	1	
4	9220010	SHOCK ABSORBER	4	Includes hardware.
5	9217180	HOSE ADAPTER	4	
6	9404773P	MOTOR - compressor, M16	1	Includes BRACKETS and SHOCK ABSORBER.
7	9225563	FAN - compressor	1	
8	9408371P	COIL - condenser	1	
9	9408381S	CLIP - mounting	1	
10	-----	SCREW - filter tube fitting	1	Not available. Order Part No. 1F6227, 1F6228, and 1F6229 on Page 96 , and 9220160 on Page 97 .
11	9408581S	CONNECTOR - air	1	
12	9317176	CONNECTOR - elbow, air	1	8 mm
13	H9215871	HOSE CLAMP	2	
14	-----	CONNECTOR - air	1	Not available. Order Part No. 1F6227, 1F6228, and 1F6229 on Page 96 , and 9220160 on Page 97 .
15	-----	CONNECTOR - air	1	Not available. Order Part No. 1F6227, 1F6228, and 1F6229 on Page 96 , and 9220160 on Page 97 .
16	-----	WASHER - air	3	Not available. Order Part No. 1F6227, 1F6228, and 1F6229 on Page 96 , and 9220160 on Page 97 .
17	1F6224	DRAIN AY	2	Does not include DIAPHRAM/PIN AY.
	1F6225	DIAPHRAM/PIN AY	2	Not visible in graphic.

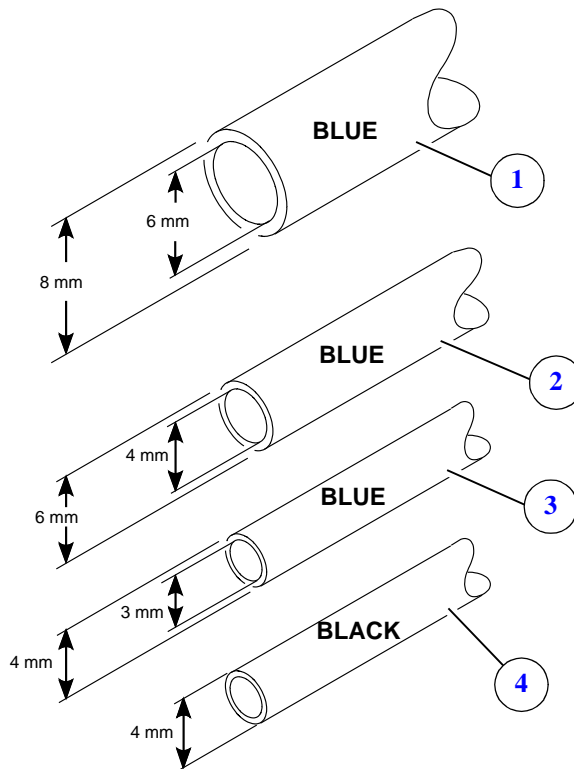
Figure 75 PNEUMATIC SYSTEM - with Modification No. 6

H186_2166HCA
H186_2166HC

Figure 75 PNEUMATIC SYSTEM - with Modification No. 6

Item	Part No.	Description	Quantity	Notes
1	1F6229	REDUCER - 8 to 6 mm	1	
2	1F6228	FITTING - tee, 8mm	1	
3	1F6227	FITTING - adapter, 8 mm	1	
4	9405111P	FILTER - coalescing	1	
5	1F6225	DIAPHRAM/PIN AY	2	
6	1F6224	DRAIN AY	2	
7	9405121P	FILTER - particulate	1	
8	1F6226	FITTING - elbow, swivel	1	
9	H9215871	HOSE CLAMP	2	
10	9186886	FILTER, air	1	
11	1F6275	ELBOW - union, 6 to 8 mm	1	

Figure 76 HOSES



H186_0086GCA
H186_0086GC

Figure 76 HOSES

Item	Part No.	Description	Quantity	Notes
1	9220160	HOSE - 6 mm (0.23 in.), blue, PU-PK6		Order by the length of 1 m (3.25 ft).
2	9220150	HOSE - 4 mm (0.15 in.), blue, PU- PK4		Order by the length of 1 m (3.25 ft).
3	9220170	HOSE - 3 mm (0.11 in.), blue, PU-PK3		Order by the length of 1 m (3.25 ft).
4	9222250	HOSE - 4 mm (0.15 in.), black, silicone		Order by the length of 1 m (3.25 ft).

DARKROOM FILM FEEDER

Figure 77 DOOR

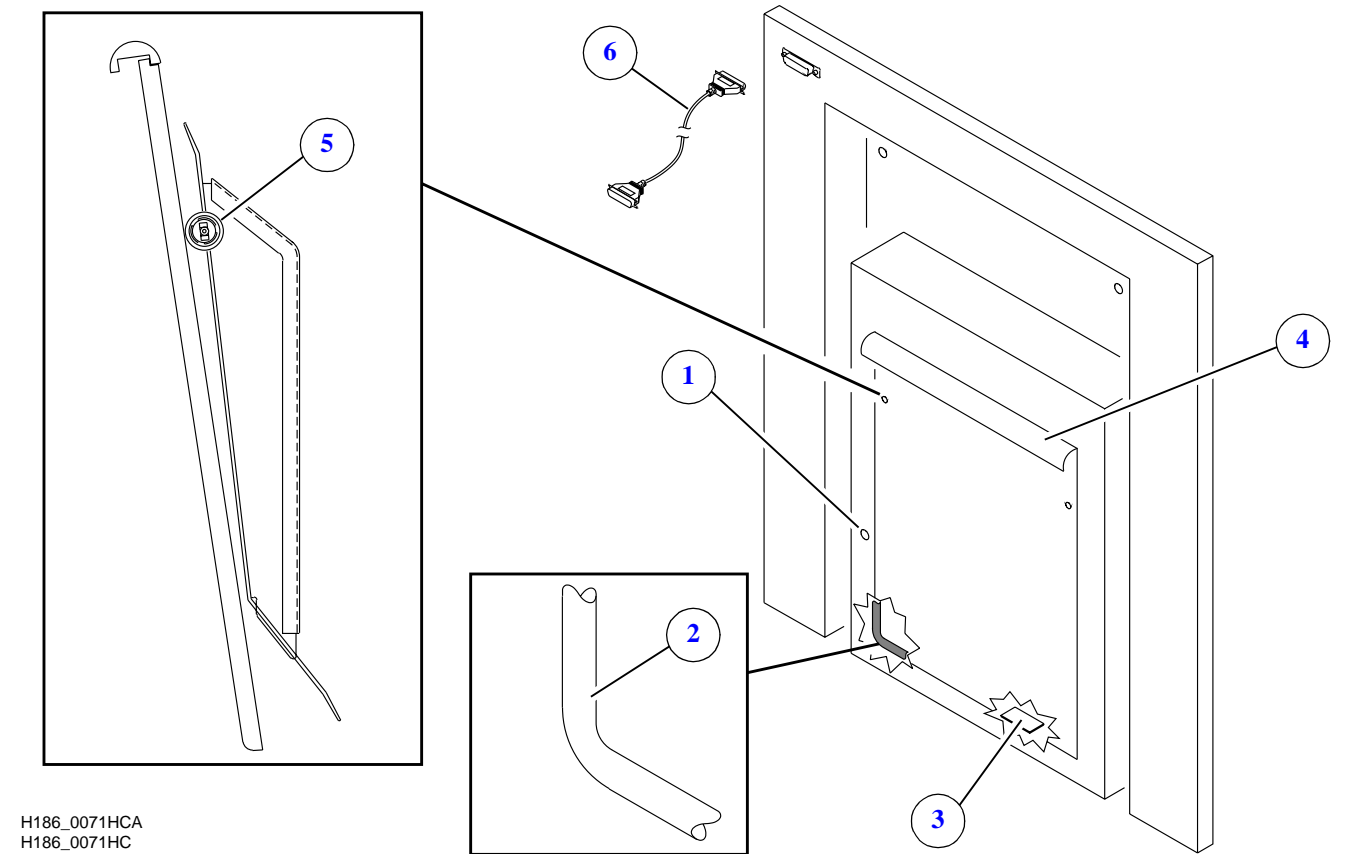


Figure 77 DOOR

Item	Part No.	Description	Quantity	Notes
1	9250181	LED - dual red, green	1	
2	9250211	SEAL	2	
3	9250494	BOARD - darkroom film feeder, A13	1	Includes a RIBBON CABLE.
4	9250461	HANDLE	1	
5	317411	O-RING	2	
6	4E5153	CABLE - RS232 DARKROOM FILM FEEDER	1	From the MULTILOADER to the light room side of the FRAME of the MULTILOADER 7000 DARKROOM FILM FEEDER.

Figure 78 DOOR SOLENOID AY

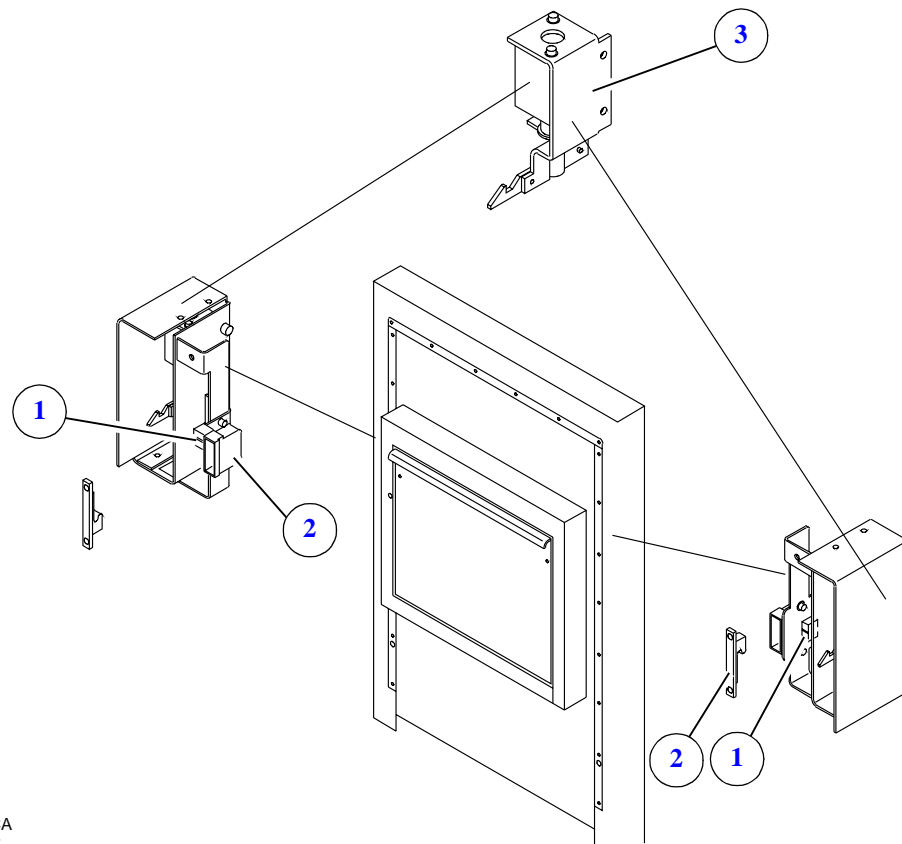
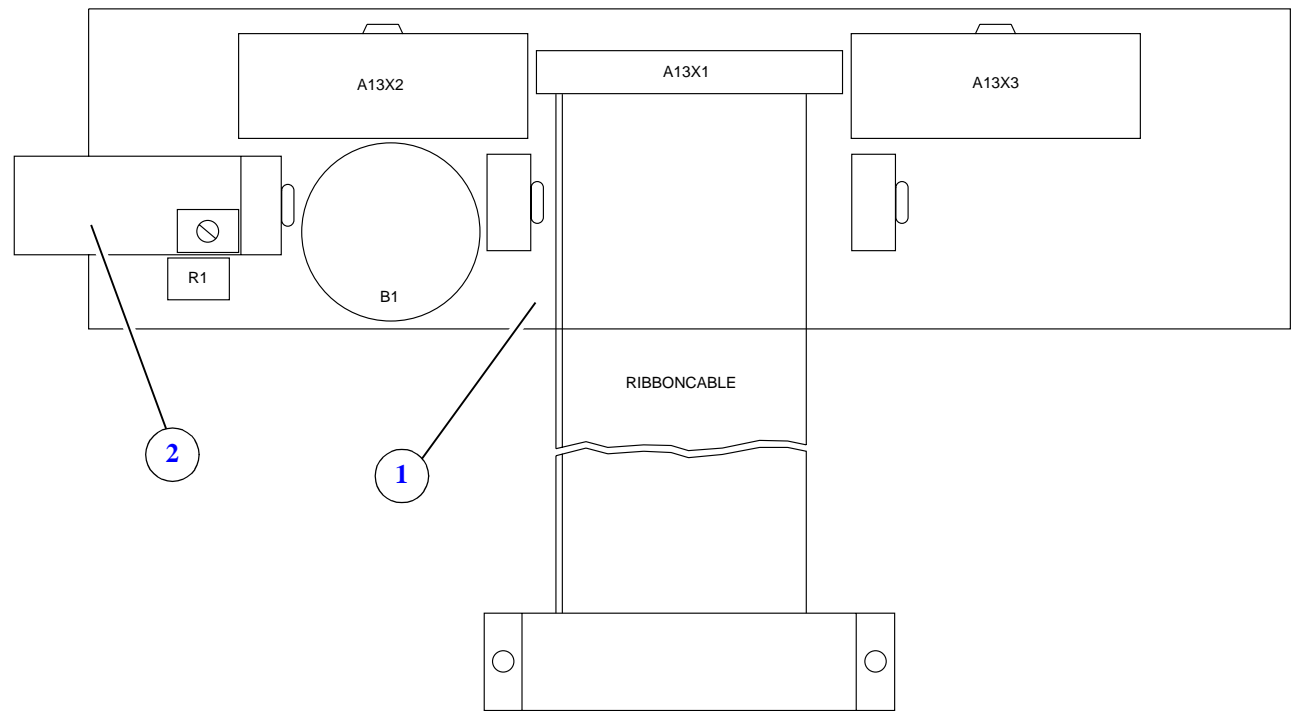


Figure 78 DOOR SOLENOID AY

Item	Part No.	Description	Quantity	Notes
1	9228950	SENSOR - B5, B6, B7, B9, B10	2	Includes the HOOK and CATCH.
2	9250260	LATCH AY	2	
3	9250474	DOOR SOLENOID AY - left	1	
	9250475	DOOR SOLENOID AY - right	1	

Figure 79 BOARD A13



H186_0074HCA
H186_0074HC

Figure 79 BOARD A13

Item	Part No.	Description	Quantity	Notes
1	9250494	BOARD - darkroom film feeder, A13	1	Includes a RIBBON CABLE.
2	9263346	DIMMER	1	

Miscellaneous

Figure 80 SOFTWARE and SEISMIC MOUNT KIT

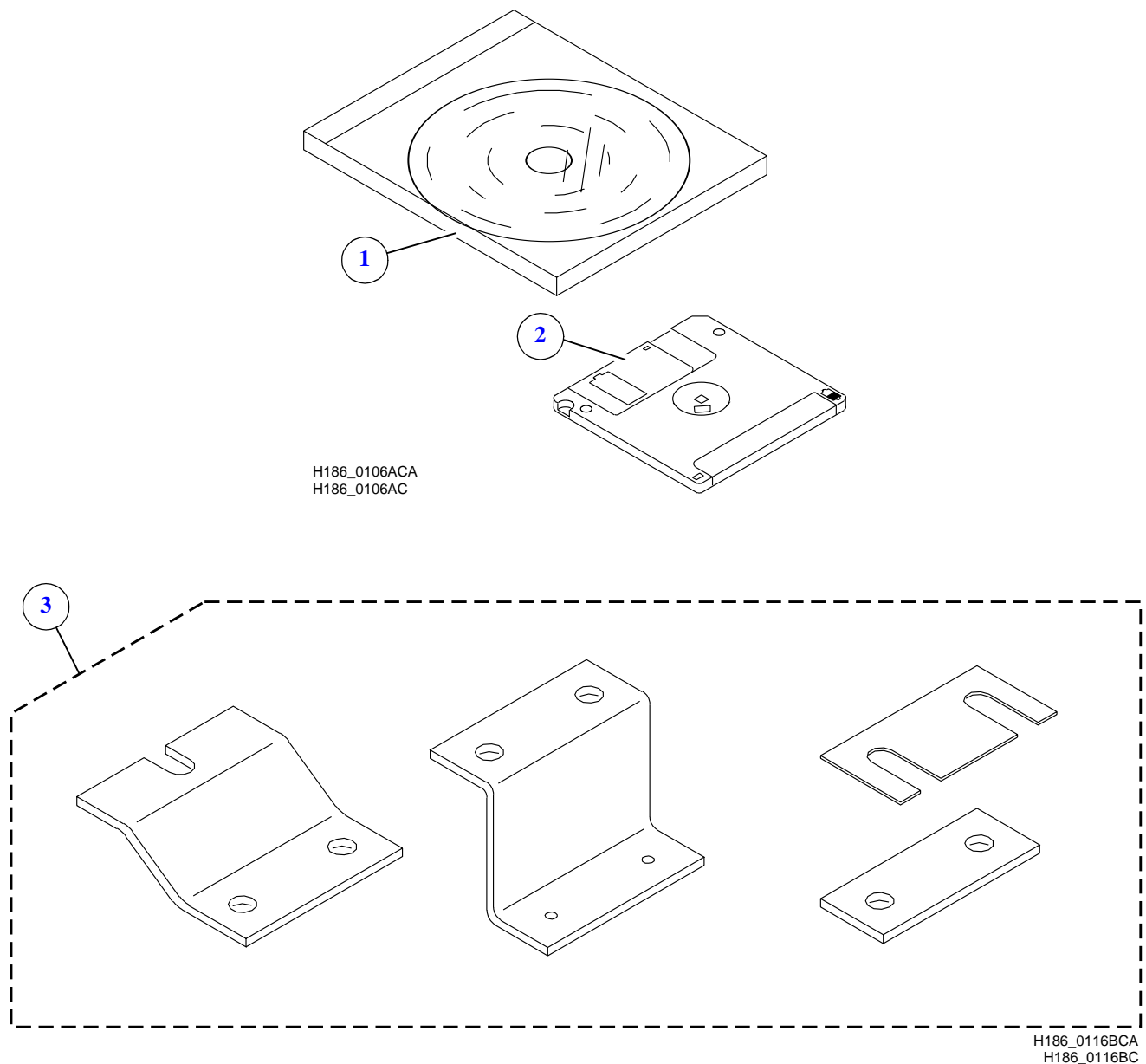


Figure 80 SOFTWARE and SEISMIC MOUNT KIT

Item	Part No.	Description	Quantity	Notes
1	1F2431	CD - operational and service software download	1	
2	SP9409351	DISK - operational software download	1	
	1F2433	DISK - service software download	1	
3	SP9408948	SEISMIC MOUNT KIT	1	Includes 4 BRACKETS and 12 SPACERS.

Figure 81 HOSE SUPPORT and EXHAUST ADAPTER

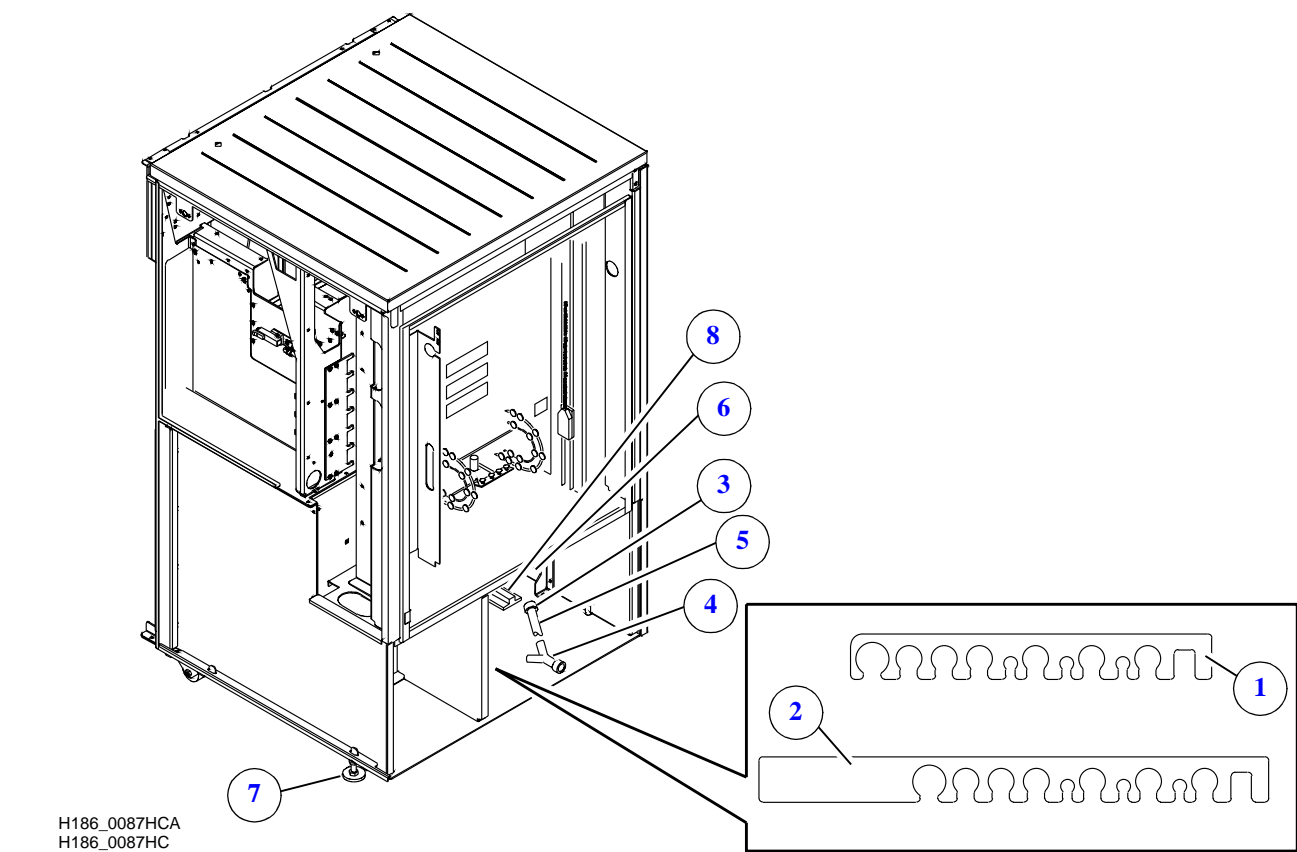


Figure 81 HOSE SUPPORT and EXHAUST ADAPTER

Item	Part No.	Description	Quantity	Notes
1	9229051	HOSE SUPPORT - short	1	
2	9220961	HOSE SUPPORT - long	1	
3	9229090	EXHAUST ADAPTER	1	
4	8911674	EXHAUST ADAPTER	1	
5	8918928	EXHAUST TUBING	1	
6	9189876	MAGNET - permanent	1	
7	9210354	LEVELING FOOT	4	
8	9210496	RAIL	2	

Figure 82 ENERGY CHAIN AY

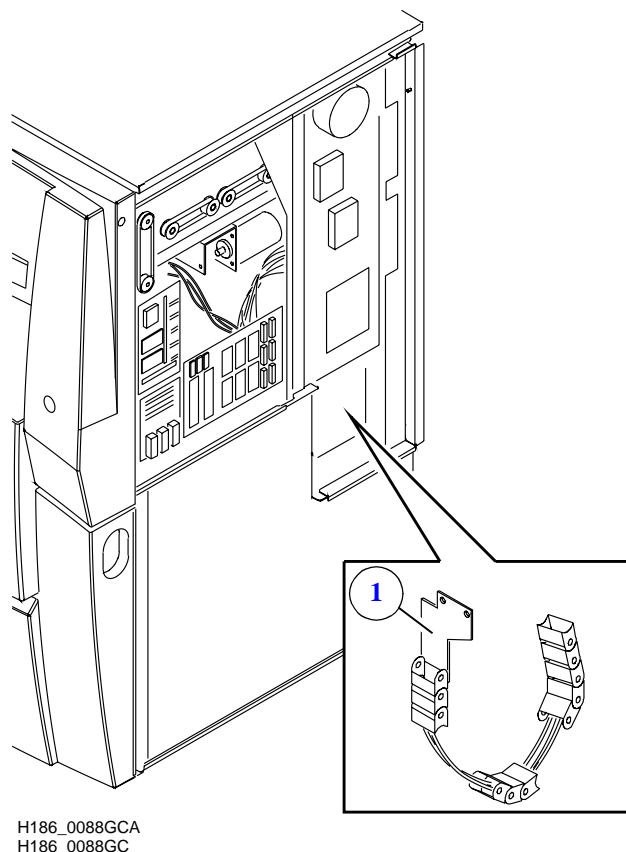


Figure 82 ENERGY CHAIN AY

Item	Part No.	Description	Quantity	Notes
1	9404743P	ENERGY CHAIN AY	1	Includes CHAIN and WIRE HARNESS.

Figure 83 STOP BRACKET AY

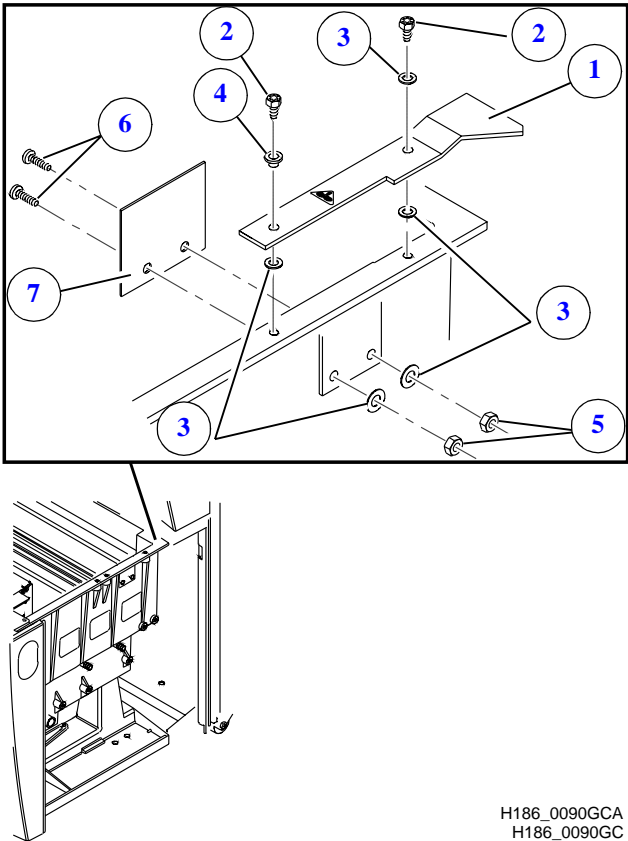
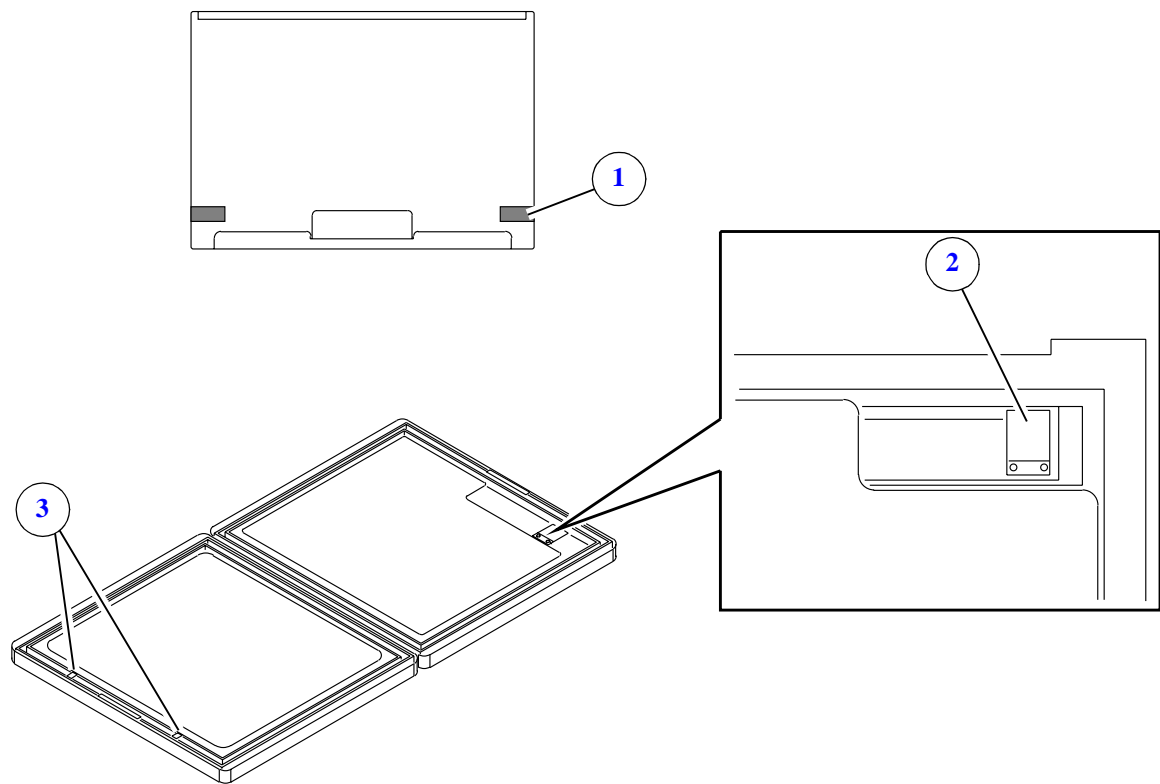


Figure 83 STOP BRACKET AY

Item	Part No.	Description	Quantity	Notes
1	9214911	STOP BRACKET	1	
2	4230011	SCREW	2	
3	4480406	WASHER - 5.3 mm (0.20 in.)	5	
4	9224970	BEARING	1	
5	4853256	NUT	2	
6	4282806	SCREW - M4 x 16	2	
7	9214961	SPRING - leaf	1	

CASSETTES and MAGAZINES

Figure 84 CASSETTES

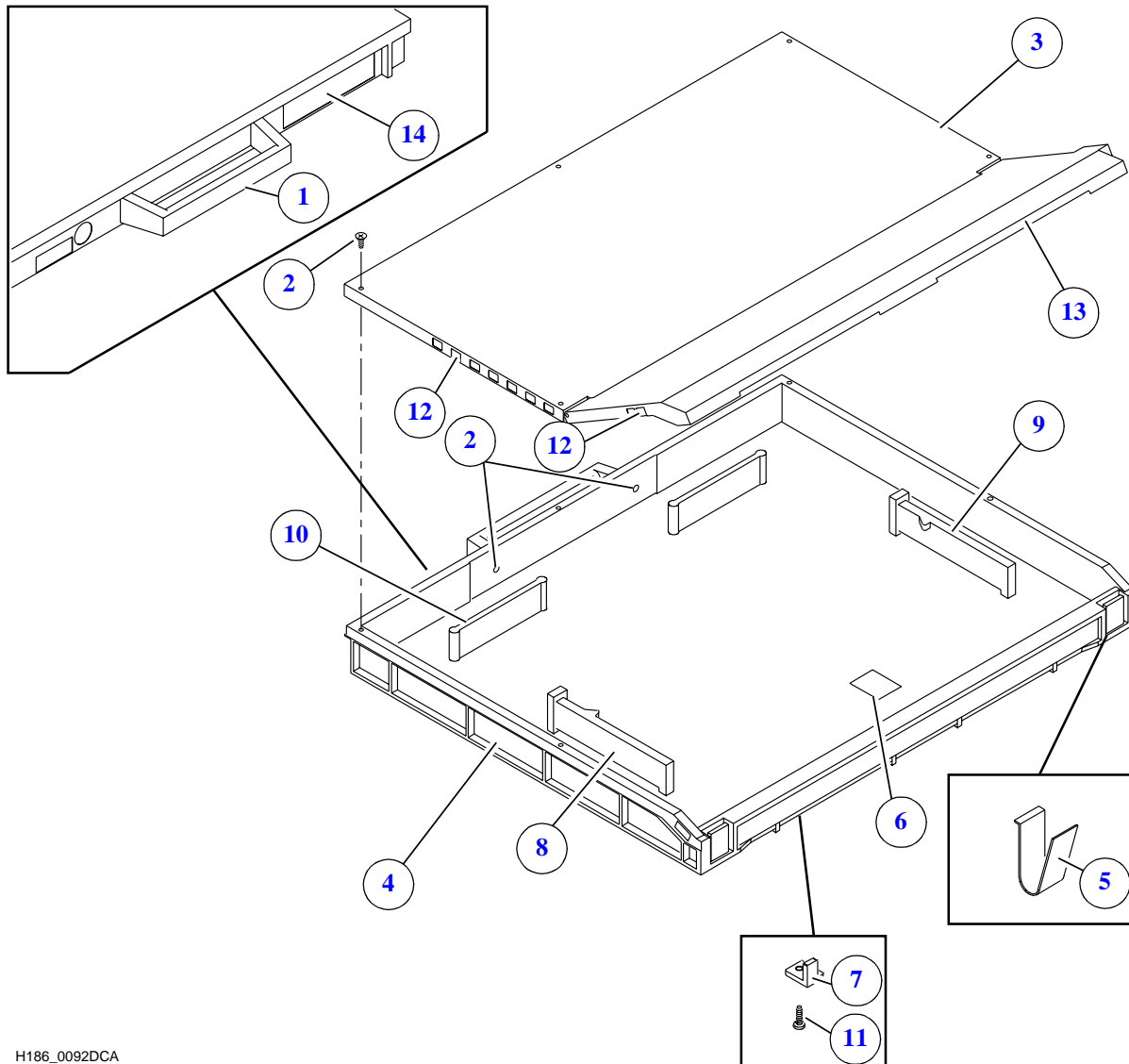


H186_0089HCA
H186_0089HC

Figure 84 CASSETTES

Item	Part No.	Description	Quantity	Notes
1	9194556	REFLECTIVE FOIL - 8 x 15 mm	2	Sheet of 180.
2	9165165	REPAIR KIT	1	
3	9165041	SPRING - film	2	

Figure 85 MAGAZINE



H186_0092DCA
H186_0092DC

Figure 85 MAGAZINE

Item	Part No.	Description	Quantity	Notes
	-----	MAGAZINE - complete	7	Cat. No. 134 7582
1	9189561	HANDLE	1	
2	4291436	SCREW - M3 x 16	10	
3	9189576	MAGAZINE COVER AY	1	
4	9189516	BASE	1	
5	9189527	SPRING	2	
6	9189546	REFLECTIVE FOIL	1	Sheet of 1.
7	9189536	CODE BRACKET	5	
8	9189636	FILM STOP - right side	1	
9	9189626	FILM STOP - left side	1	
10	9189616	FILM STOP - back	4	
11	4302346	SCREW - M2.9 x 6.5	5	
12	9189656	REFLECTIVE FOIL	5	Sheet of 1.
13	9189586	HINGED COVER	1	
14	9189996	LABEL - film size	1	

Section 2: Numerical Index

Numerical Index		
Part No.	Description	Figure No.
-----	BOARD - main processor, A1	55
-----	CONNECTOR - air	74
-----	E-PROM - boot, U7	55
-----	MAGAZINE - complete	85
-----	SCREW - filter tube fitting	74
-----	WASHER - air	74
1F2407	E-PROM - boot	60
1F2431	CD - operational and service software download	80
1F2433	DISK - service software download	80
1F5264	INTERFACE AY - complete	36
1F5265	CABLE - board, A21	38
1F5477	BATTERY - power cap	56
1F5478	PROM - serial, U15	56
1F5479	E-PROM - boot, U2	56
1F5480	E-PROM - flash, U3	56
1F5931SOP	TOP COVER AY	1
1F6224	DRAIN AY	74, 75
1F6225	DIAPHRAM/PIN AY	74, 75
1F6226	FITTING - elbow, swivel	75
1F6227	FITTING - adapter, 8 mm	75
1F6228	FITTING - tee, 8mm	75
1F6229	REDUCER - 8 to 6 mm	75
1F6275	ELBOW - union, 6 to 8 mm	75
1F7950	FUSE - SI1, 200 mA	60
1F7951	FUSE - SI2, 1 A	60
317411	O-RING	77
36510187S	JUMPER - board, A21	38
36550001S	PIN - M5 x 20	40
36550002S	PIN - magazine opener ay	39
36550004S	C-RING	39, 43
36550005S	BEARING - ball	39
36550007S	PIN - M3 x 16	39
36550008S	PIN - M3 x 25	39, 42
36550009S	SETSCREW - M5 x 16	39
36550012S	SCREW - M3 x 6	42, 44
36550014S	SCREW - <i>Allen</i> , M3 x 20	44
36550017S	PIN - M3 x 13	43
36550018S	SCREW - <i>Allen</i> head, M6 x 12	43
36550028S	SCREW - shoulder	3
36550033S	SCREW	2
4230011	SCREW	83
4269300	SCREW - lock collar	14
4278296	SCREW - M3 x 3	15, 48
4281146	SCREW - M2.5 x 12	10, 17
4281331	SCREW - M3 x 6	11
4281756	SCREW - M6 x 16	20

Numerical Index

Part No.	Description	Figure No.
4282006	SCREW - M5 x 50	51
4282806	SCREW - M4 x 16	53, 83
4282831	SCREW	37
4283116	SCREW - M6 x 26	21
4283121	SCREW - M4 x 10	4, 11, 15, 17, 22, 30, 33, 34, 35, 36, 50
4283131	SCREW - M5 x 12	18
4283186	SCREW - M3 x 12	16, 34
4283281	SCREW - mounting	3
4283286	SCREW - M3 x 6	4, 17, 30, 50
4283301	SCREW - M3 x 8	3, 33
4283336	SCREW - M4 x 8	5
4283401	SCREW - M3 x 8	36, 48
4283997	BOLT	6
4291436	SCREW - M3 x 16	85
4302346	SCREW - M2.9 x 6.5	85
4440031	COLLAR - lock	14
4470100	WASHER	37
4480032	WASHER - 4.3 mm (0.16 in.)	15
4480091	WASHER	37
4480166	WASHER - 6.4 mm (0.24 in.)	20, 49
4480176	WASHER - 5.3 mm (0.20 in.)	21, 36, 51
4480266	WASHER - 5.08 mm (0.2 in.)	11
4480406	WASHER - 5.3 mm (0.20 in.)	18, 83
4480516	WASHER - 2.7 mm (0.106 in.)	10, 17
4480536	WASHER - 8.1 mm (0.319 in.)	10
4480596	WASHER - 8.4 mm (0.33 in.)	25, 29
4486246	CLIP - 6 mm (0.24 in.)	10, 11, 21, 22
4500106	WASHER - toothed, 2.7 mm (0.10 in.)	10, 17
4500416	RETAINING RING	21
4500521	CLIP - 4 mm (0.15 in.)	11, 24, 33, 34, 36, 41, 42, 48, 49
4500531	CLIP - 9 mm (0.35 in.)	51
4500541	CLIP - 1.5 mm (0.06 in.)	48
4500551	CLIP - 2.3 mm (0.09 in.)	27, 29, 48, 49
4500561	CLIP	6, 14, 37
4500566	CLIP - 6 mm (0.24 in.)	2, 5, 8, 9, 24, 28
4500586	CLIP - 1.9 mm (0.07 in.)	18, 19, 29
4500596	CLIP - 12 mm (0.47 in.)	25, 26
4500606	CLIP - 3.2 mm (0.12 in.)	2, 3, 20, 40, 46
4516096	FUSE T - 3.15 A, Europe	54
4516426	FUSE T - 1.6 A, Europe	54
4526191	IC 8255	55
4527621	HOUSING - 6 pin	71
4527661	PIN - 1.15 - 1.8 mm (0.045 - 0.070 in.)	71
4527671	PIN - 2.0 - 2.5 mm (0.078 - 0.098 in.)	71

Numerical Index

Part No.	Description	Figure No.
4527681	SOCKET - 1.15 - 1.8 mm (0.045 - 0.070 in.)	71
4527691	SOCKET - 2.0 - 2.5 mm (0.078 - 0.098 in.)	71
4527776	STRAIN RELIEF	54
4529801	PIN - 0.9 - 1.4 mm (0.035 - 0.055 in.)	71
4531826	FUSE T - 4.0 A, Europe	54
4532221	BATTERY - 3 V, lithium	55
4532796	CAPACITOR - 22000, micro F/40 V, C1	53
4532806	RECTIFIER	53
4532816	FUSE HOLDER	53
4532826	FUSE CAP - Europe	54
4532836	FUSE CAP - UL/CSA	54
4532881	HOUSING - 18 socket	71
4532891	HOUSING - 18 pin	71
4532901	HOUSING - 9 pin	71
4532911	MODULE - amp	70
4532921	MODULE - amp	70
4532931	SOCKET	70
4532941	HOUSING - 2 pin	72
4532951	HOUSING - 2 socket	72
4532961	PIN	72
4532971	SOCKET	72
4532981	PIN	70
4532991	SOCKET	70
4533001	PIN HOUSING - amp	70
4533011	SOCKET HOUSING - amp	70
4533186	TERMINAL BLOCK	53
4533226	FILTER - EMI	53
4533236	TERMINAL BLOCK	53
4533256	JUMPER AY	53
4533266	BRACKET	53
4533666	FUSE T - 6.3 A, Europe	54
4533671	FUSE - slow blow, 1.6 A, UL/CSA	54
4533686	FUSE - slow blow, 3.2 A, UL/CSA	54
4533696	INSULATING PLATE	53
4533991	SOCKET - 0.9 - 1.4 mm (0.035 - 0.055 in.)	71
4534011	FUSE - 2.5 A, F12 and F13, UL/CSA	53, 54
4534026	FUSE - slow blow, 4.0 A, UL/CSA	54
4534036	FUSE - slow blow, 6.25 A, UL/CSA	54
4534156	FUSE - slow blow, 8.0 A, UL/CSA	54
4534166	FUSE T - 8 A, Europe	54
4534231	HOUSING - 2 pin	72
4534241	HOUSING - 2 socket	72
4534251	PIN	72
4534261	SOCKET	72
4719336	PIN - 2 x 12 mm (0.07 x 0.47 in.)	36
4719341	PIN - 2.5 x 14 mm (0.09 x 0.55 in.)	8, 9, 10, 11, 14
4719361	PIN - 2.5 x 10 mm (0.09 x 0.39 in.)	24, 28
4719376	PIN - 2 x 12 mm	5

Numerical Index

Part No.	Description	Figure No.
4719422	PIN - 2.5 mm (0.09 in.)	14
4796376	PIN - 2 x 12 mm (0.07 x 0.47 in.)	33, 34, 39
4852766	NUT	25, 39
4853146	NUT	25, 29
4853246	NUT	30, 33, 34
4853251	LOCK NUT - M4	3, 6, 53
4853256	NUT	83
4853266	CAPTIVE NUT	53
4E5153	CABLE - RS232 DARKROOM FILM FEEDER	77
8317366	BEARING	37
8431951	HOUSING- 9 socket	71
8431972	HOUSING - 3 pin	71
8431973	HOUSING - 3 socket	71
8601960	HOUSING - 4 socket	71
8601961	HOUSING - 4 pin	71
8601962	HOUSING - 6 socket	71
8694189	PULLEY - idler	6
8722847	MOTOR - processor interface, M18	35
8911674	EXHAUST ADAPTER	81
8918928	EXHAUST TUBING	81
8924019	PULLEY - toothed	14
9165041	SPRING - film	84
9165165	REPAIR KIT	84
9180526	ROLLER	41
9183916	DETENT AY	45
9183956	TIMING DISK - left	46
9184176	LINK - master	20
9184396	ROLLER - foam	45
9184661	SPRING	48
9184686	SUCKER BAR	26
9184689	MAGAZINE/SUCKER BAR AY	49
9184847	SUCKER - magazine	48
9184886	SENSOR - B61	48
9184916	FILM PIN	48
9184936	SPRING - film pin	48
9185076	SPRING	47
9185736	HOSE	26
9186886	FILTER, air	73, 75
9187542	FASTENER - quick lock, top cover	1
9187856	FILTER	53
9189516	BASE	85
9189527	SPRING	85
9189536	CODE BRACKET	85
9189541	REFLECTIVE FOIL	14
9189546	REFLECTIVE FOIL	85
9189561	HANDLE	85
9189576	MAGAZINE COVER AY	85
9189586	HINGED COVER	85

Numerical Index

Part No.	Description	Figure No.
9189616	FILM STOP - back	85
9189626	FILM STOP - left side	85
9189636	FILM STOP - right side	85
9189656	REFLECTIVE FOIL	85
9189776	SPRING	2
9189876	MAGNET - permanent	81
9189996	LABEL - film size	85
9194556	REFLECTIVE FOIL - 8 x 15 mm	84
9199041	BLOW PIPE MOUNT - back	48
9199051	BLOW PIPE MOUNT - front	48
9199226	BRACKET	48
9210354	LEVELING FOOT	81
9210401	BOLT	2
9210496	RAIL	81
9210773	BEARING	6
9210781P	BRACKET - hinge	2
9210931	SPRING	2
9211251	BRACKET	11
9211332	TIMING BELT	6
9211342	SLIDE AY	22
9211451	DRIVE GEAR	22
9211541	CASSETTE SUPPORT	12
9211571	ROLLER	11
9211581	WASHER	11
9211651	SPACER	13
9211661	PULLEY	8, 9
9211681	DRIVE GEAR	10, 22, 24
9211731	WASHER	11, 22
9211846	PULLEY	9
9211851	GEAR - toothed	6, 11, 14
9211881	SPACER	8, 9
9211896	SPACER	9
9211931	GUIDE BLOCK	7, 12
9212192	ACTUATOR	18
9212212	SHOVEL HOOK	19
9212401	SPROCKET - 15 tooth	20
9212741	ACTUATOR	12
9212771	TENSIONER	18
9212831	PIN - 2.5 x 16 mm (0.09 x 0.62 in.)	20, 21
9212851	PIN - 2.5 x 20 mm (0.09 x 0.78 in.)	50, 51
9212921	SPACER	19
9212941	O-RING	45
9212971	SPACER	14
9213121	SHAFT	25
9213176	ACTUATOR	29
9213231	LINKAGE PIN - cassette sucker bar	29
9213301	WASHER	24
9213311	WASHER	24, 28

Numerical Index		
Part No.	Description	Figure No.
9213431	PULLEY	26
9213611	PIN	27
9214113	DOUBLE FILM AY	46
9214126	BEARING	46
9214471	SPRING	46
9214581	PIN	2
9214911	STOP BRACKET	83
9214961	SPRING - leaf	83
9215091	GEAR	51
9215111	PLATE - threaded	18, 51
9215181	GEAR	50
9215401	PIN	48
9215431	SPRING	49
9215746	COUNTERWEIGHT - right, 2310 g (5.09 lbs)	52
9215756	COUNTERWEIGHT - left, 1380 g (3.04 lbs)	52
9215840	BLOW PIPE AY	48
9215981P	SHAFT	45
9215996	FILM GUIDE - left	46
9216111	DRIVE GEAR	36
9216236	SENSOR - B33, B34	33, 34, 65
9216301	CAM	34
9216536	ROLLER AY	4
9216581	BEARING	4
9216651	SPRING	4
9216681	CAM	4, 5
9216771	WASHER - flange	6, 14
9216916	PRESSURE ROLLER AY	13, 14
9217091	PLATE - insulating	57
9217180	HOSE ADAPTER	74
9218031	BEARING	14
9218843	CABLE - ribbon, A5X4 to A7X1	59
9219086	BRACKET	50
9219101	SPACER	14
9219606	FILM GUIDE - right	46
9219771	SOLENOID LINK	49
9219783	PLATE	49
9219801	SUCKER BAR LINK	49
9219831	SPRING	47
9219841	HOOK - spring	47
9219876	CABLE AY - film pocket to board, A5	45, 48
9220010	SHOCK ABSORBER	73, 74
9220020	INSULATING TUBE - approximately 15 mm (0.6 in.) long	15
9220150	HOSE - 4 mm (0.15 in.), blue, PU- PK4	76
9220160	HOSE - 6 mm (0.23 in.), blue, PU-PK6	76
9220170	HOSE - 3 mm (0.11 in.), blue, PU-PK3	16, 49, 73, 76
9220190	ACTUATOR AY	4
9220961	HOSE SUPPORT - long	81
9221020	PULLEY	24, 28

Numerical Index

Part No.	Description	Figure No.
9221130	TIMING BELT	22
9221140	TIMING BELT	22
9221160	TIMING BELT	21
9221210	WASHER	11
9221310	BELT	11
9221320	TIMING BELT	10
9221330	BELT	21
9221383	ROLLER - foam transport, short	7, 14
9221400	ROLLER - rubber transport, short	7
9221850	DRIVE GEAR	22
9222050	BEARING	18, 19
9222076	CASSETTE OPENER AY - complete	19
9222111	SOLENOID - Y1, Y4	3, 18, 19, 68
9222230	SPRING	18
9222250	HOSE - 4 mm (0.15 in.), black, silicone	76
9222260	OPENER PIN AY	18
9222261	OPENER PIN AY	19
9222442	BLOW PIPE - left	15
9222446	BLOW PIPE AY - complete, left	15
9222480	OPENER SHOVEL	19
9222550	PIN - 2.5 x 12 mm (0.09 x 0.47 in.)	10, 22
9222570	SPACER	15
9222591	BLOW PIPE - right	15
9222596	BLOW PIPE AY - complete, right	15
9222610	SPRING	15
9222621	SPRING	19
9222670	PLUNGER	73
9222680	SPRING - shovel hook	19
9222690	SPRING	19
9222780	GUIDE SHOE	13, 18
9223050	SHAFT	29
9223081	ROLLER SHAFT	28
9223091	ROLLER SHAFT	24
9223100	ROLLER SHAFT	28
9223130	BEARING	8
9223140	ROLLER/SHAFT AY	24
9223150	BELT - black	28
9223180	WASHER - 6.05 mm (0.24 in.)	2
9223280	SPRING - flap actuator arm	33
9223330	BEARING	29
9223360	SPRING - bearing	28, 33, 36
9223370	SOLENOID - Y7	27, 68
9223390	TIMING BELT	26
9223400	TIMING BELT	24
9223410	SPRING	24
9223650	LINKAGE PIN - sucker bar	49
9223670	SUCKER - cassette	26, 29
9223680	SUCKER BAR AY - complete	26

Numerical Index		
Part No.	Description	Figure No.
9223910	BEARING	28, 36
9224020	BUSHING AY	4
9224270	SPRING	46
9224350	SWITCH - main	3
9224410	SOLENOID - Y15	45, 69
9224450	SPRING	18, 45
9224600	KNOB	5
9224970	BEARING	83
9225332	REPAIR KIT - wire	48
9225333	SOLENOID - Y14	48, 69
9225563	FAN - compressor	74
9225564	FITTING - compressor	73
9225666	WATER TRAP AY - SINGLE	74
9225780	SPRING	47
9225800	CLUTCH AY	47
9226000	MOTOR - fan 2 processor interface, M18	62
9226010	SOLENOID - Y3, Y5, Y12	68, 73
9226030	PLUNGER AY	73
9226060	MOUNT - roller	36
9226070	ROLLER - idler	36
9226130	CLUTCH - free running	36
9226170	SHAFT	25
9226441	CAM	33
9226480	SOLENOID - Y6, Y10, Y11	68, 73
9226490	VACUUM SWITCH	73
9227010	BEARING - ball shoulder	36, 37, 40
9227020	BEARING	28
9227030	BEARING	8, 9, 10, 22, 33, 35
9227040	BEARING	24
9228010	MOTOR - cassette input, M2	21, 61
9228020	MOTOR - cassette opener, M5	20, 61
9228030	MOTOR - cassette centering, M4	22, 63
9228040	MOTOR - holding finger, M3	11, 62
9228050	MOTOR - cassette input flap, M1	5
9228070	MOTOR - film pocket sucker bar, M15	50, 62
9228080	MOTOR - film pocket stepper, M10	51, 62
9228100	MOTOR - cassette film pickup, M6	24, 62
9228110	MOTOR - roller pickup, M7	24, 28, 62
9228120	MOTOR - interface flap, M11, film release, M12	32, 33, 34, 62
9228140	GEAR BOX	51
9228300	RIBBON CABLE	49
9228580	BOARD - level control, A7	59
9228620	BOARD - cassette width, A10	10, 17, 58, 60
9228640	CIRCUIT BREAKER - CB2	54, 65
9228660	TRANSFORMER - T2	53
9228680	CIRCUIT BREAKER - CB1	54, 65
9228730	WIRE HARNESS - opener	19

Numerical Index		
Part No.	Description	Figure No.
9228746	WIRE HARNESS - short	23
9228900	CABLE - A1X1 to A8X33	55, 56, 58
9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	4, 5, 20, 27, 64, 66, 67
9228950	SENSOR - B5, B6, B7, B9, B10	12, 67, 78
9228960	SENSOR - B16	18, 66
9228980	SENSOR - B24, B60	13, 45, 65
9228991	SENSOR - B17, B18, B20, B21, B22, B35	16, 30, 31, 32, 64, 65, 66, 67
9229040	PLUNGER	73
9229051	HOSE SUPPORT - short	81
9229090	EXHAUST ADAPTER	81
9229570	BOARD - dc motor driver, A9	60
9229630	PIN AY	45
9250100	TRANSPORT ROLLER	36
9250176	MOTOR - processor interface, M13, magazine opener, M21	36, 39, 62
9250181	LED - dual red, green	77
9250211	SEAL	77
9250260	LATCH AY	78
9250461	HANDLE	77
9250474	DOOR SOLENOID AY - left	78
9250475	DOOR SOLENOID AY - right	78
9250494	BOARD - darkroom film feeder, A13	77, 79
9250560	BELT - toothed	36
9251011	ROLLER - detector	36, 37
9251036	ACTUATOR - arm	37
9251076	SENSOR - B37, right	37
9251086	SENSOR - B36, left	37
9261651	MAGNET - reed	1, 3
9263051	SENSOR - interlock switch	1, 3, 5, 64
9263346	DIMMER	79
9280201	FASTENER - quick lock, side panel	1
9284026	SENSOR - B59	46
9287396	DISPLAY - operator interface, lcd	57
9303816	SOLENOID - drawer lock, Y20	40
9304166	KEYPAD - operator	57
9308520	BOARD - operator interface, A2	57
9308696	TRANSFORMER - T1	53
9308826	E-PROM - flash, U8 and U9	55
9309500	BOARD - power supply, A0	53
9317176	CONNECTOR - elbow, air	74
9401123SOP	PANEL - multiloader, back	1
9401131SOP	PANEL - left side	1
9401151SOP	PANEL - right side	1
9401593P	MAGAZINE DOOR LOCKING MECHANISM AY	3
9401601S	HOOK - latch	3
9401611S	PUSHER	3
9401641S	COUPLING - solenoid	3

Numerical Index		
Part No.	Description	Figure No.
9401651S	SPRING	3
9401703SOP	MAGAZINE ACCESS DOOR	1
9401751S	HINGE - magazine door ay	1
9401791SOP	PANEL - front	1
9401821SOP	PANEL - processor, front	1
9401832P	RECEIVING BIN	1
9401850	CABLE - manual unlock door	3
9401861S	CABLE - manual unlock	43
9401871S	BUTTON - open magazine door	1
9401981S	HANDLE	1
9402103P	SHAFT LOCK DRAWER AY	40
9402141P	CYLINDER - air, drawer lock	40
9402182P	DRAWER AND SLIDE AY	41
9402192S	BRACKET AND ROLLER AY - magazine positioning	41
9402222S	BRACKET AND MAGNET PICKUP AY	41
9402251P	COVER - board, A21	38
9402261P	BOARD - magazine size/type recognition, A21	38
9402273S	GEAR RACK - magazine opener ay	39
9402291S	GEAR - magazine opener ay	39
9402301S	GUIDE - magazine opener ay	39
9402311S	GUIDE - magazine opener ay	39
9402321S	SPACER	39
9402342P	MOTOR AY - magazine shuttle mechanism, M20	43
9402351S	COLLAR	39
9402361S	GEAR - bevel	43
9402392SOP	MAGAZINE TRANSPORT MECHANISM AY - complete	38
9402441P	MAGNET - magazine transport	42
9402451P	BOARD - magnet control, A24	42
9402501S	GUIDE - magazine, transport mechanism	42
9402511S	SHAFT - pivot magazine, transport mechanism unlock	42
9402521S	GUIDE - distance magazine transport	42
9402551S	SHAFT - belt, tension magazine, transport mechanism	39
9402561S	SHAFT - drive, main magazine, transport mechanism	39
9402571	GEAR - bevel, magazine transport, mechanism shaft	39
9402581S	PULLEY	39
9402591S	PULLEY	39
9402601S	BELT	39, 42
9402661P	BOARD - magazine shuttle mechanism, A20	44, 60
9402671S	SPRING - unlock	43
9402721P	BOARD - position sensor, A22	44
9402731P	BOARD - magazine opener sensor, A23	39
9402791P	BOARD - film pocket, A5	59
9402811	BRACKET - cylinder, drawer lock	40
9402831S	PIN - cylinder, drawer lock	40
9402861S	GUIDE - magazine opener ay	39
9402871	BRACKET - solenoid valve, drawer lock	40
9402901S	SENSOR - B108	40
9402911S	HOLDER - sensor, cylinder drawer lock	40

Numerical Index

Part No.	Description	Figure No.
9403042P	TRANSPORT ROLLER - long	7
9403121S	L-CONNECTOR AIR BLOW - cassette	15
9403131S	T-CONNECTOR AIR BLOW - cassette	15
9403201S	SPRING - leaf	40
9403321S	JOINT AND PIN AY	40
9403361S	WIRE HARNESS - right	23
9403381S	CONNECTOR - air valve, drawer lock	40
9403391S	MUFFLER	40
9403401S	CONNECTOR - air valve, drawer lock	40
9403411S	ELBOW - air cylinder	40
9403481S	SLEEVE - bushing holder	43
9403491S	BUSHING - bronze	43
9403531S	STANDOFF - hinged, board	44
9403541S	STANDOFF - post	44
9403551	WASHER	44
9403561S	BUSHING	44
9403621S	BEARING - pivot arm	3
9403631S	BUSHING - pusher	3
9403641P	SENSOR - B107	45
9403741P	MOTOR - magazine shuttle mechanism, M20	62
9403831P	CABLE - A20X1 to RS-232 service	44, 60
9403841P	CABLE - A20X3 to A4X1	44, 58, 60
9403851P	CABLE - A20X2 to A1X4	44, 55, 56, 60
9403931S	ROLLER - bin runner	2
9403941S	TIRE - bin runner	2
9404441S	WIRE HARNESS - left	23
9404462P	VALVE AY - complete	73
9404743P	ENERGY CHAIN AY	82
9404773P	MOTOR - compressor, M16	61, 74
9404803SOP	POWER SUPPLY AY - complete	53
9404811S	CHAIN - 50 link	20
9404821P	CHAIN - link	50
9405071	RELAY - K1	53
9405101P	RING - felt	74
9405111P	FILTER - coalescing	75
9405121P	FILTER - particulate	75
9405971S	KEY	20
9405981	PIN	41
9407001P	PIVOT PLATE - left	2
9407021S	RESISTOR - 75 ohm	53
9407031P	RELAY - K2, white	53
9407041P	RELAY - Aux K2	53
9407051P	MOTOR - power supply, fan, M17	53
9407222P	DOOR STAY AY - right magazine door	1
9407301P	SLIDE AY - film pocket	52
9407351S	FUSE LABEL	54
9407382P	DOOR STAY AY - left magazine door	1
9407491S	STAY - top cover	1

Numerical Index

Part No.	Description	Figure No.
9407501P	PIVOT PLATE - right	2
9407601S	CLIP	31, 32
9407631S	BUSHING - motor, cassette entrance	5
9407641S	WASHER - plastic	5
9407681S	HUB - threaded	2
9407711S	FLEXIBLE DRIVE AY	10
9408371P	COIL - condenser	74
9408381S	CLIP - mounting	74
9408392P	WATER TRAP AY - DUAL	74
9408581S	CONNECTOR - air	3, 74
G9903833	PIN HOUSING - amp	70
G9903834	SOCKET HOUSING - amp	70
H4276310	SETSCREW	20
H4524861	FUSE - 2.5 A, F12 and F13, Europe	53, 54
H9183946	TIMING DISK - right	46
H9211241	BRACKET	17
H9211836	PULLEY	21
H9212416	SPROCKET KIT	20
H9215871	HOSE CLAMP	74, 75
H9251041	BRACKET	37
H9251111	HARNESS - B36 and B37	37
SP9402781	BOARD - magazine interface, A4	58
SP9403701	BOARD - cassette interface, A8	58
SP9404913P	CABLE - A1X3 to processor J29	55, 56
SP9404933P	CABLE - A1X2 to A4X29	55, 56, 58
SP9405421P	CABLE - A1X5 to A2X1	55, 56, 57
SP9405901	BOARD - main processor, A1	56
SP9408141	FOAM - rear panel	1
SP9408948	SEISMIC MOUNT KIT	80
SP9409351	DISK - operational software download	80

Section 3: Alphabetical Index

Alphabetical Index		
Part No.	Description	Figure No.
9251036	ACTUATOR - arm	37
9220190	ACTUATOR AY	4
9212192	ACTUATOR	18
9212741	ACTUATOR	12
9213176	ACTUATOR	29
9189516	BASE	85
4532221	BATTERY - 3 V, lithium	55
1F5477	BATTERY - power cap	56
9227010	BEARING - ball shoulder	36, 37, 40
36550005S	BEARING - ball	39
9403621S	BEARING - pivot arm	3
9223130	BEARING	8
8317366	BEARING	37
9210773	BEARING	6
9214126	BEARING	46
9216581	BEARING	4
9218031	BEARING	14
9222050	BEARING	18, 19
9223330	BEARING	29
9223910	BEARING	28, 36
9224970	BEARING	83
9227020	BEARING	28
9227030	BEARING	8, 9, 10, 22, 33, 35
9227040	BEARING	24
9223150	BELT - black	28
9250560	BELT - toothed	36
9221310	BELT	11
9221330	BELT	21
9402601S	BELT	39, 42
9222442	BLOW PIPE - left	15
9222591	BLOW PIPE - right	15
9222446	BLOW PIPE AY - complete, left	15
9222596	BLOW PIPE AY - complete, right	15
9215840	BLOW PIPE AY	48
9199041	BLOW PIPE MOUNT - back	48
9199051	BLOW PIPE MOUNT - front	48
SP9403701	BOARD - cassette interface, A8	58
9228620	BOARD - cassette width, A10	10, 17, 58, 60
9250494	BOARD - darkroom film feeder, A13	77, 79
9229570	BOARD - dc motor driver, A9	60
9402791P	BOARD - film pocket, A5	59
9228580	BOARD - level control, A7	59
SP9402781	BOARD - magazine interface, A4	58
9402731P	BOARD - magazine opener sensor, A23	39
9402661P	BOARD - magazine shuttle mechanism, A20	44, 60

Alphabetical Index

Part No.	Description	Figure No.
9402261P	BOARD - magazine size/type recognition, A21	38
9402451P	BOARD - magnet control, A24	42
-----	BOARD - main processor, A1	55
SP9405901	BOARD - main processor, A1	56
9308520	BOARD - operator interface, A2	57
9402721P	BOARD - position sensor, A22	44
9309500	BOARD - power supply, A0	53
4283997	BOLT	6
9210401	BOLT	2
9402811	BRACKET - cylinder, drawer lock	40
9210781P	BRACKET - hinge	2
9402871	BRACKET - solenoid valve, drawer lock	40
9402222S	BRACKET AND MAGNET PICKUP AY	41
9402192S	BRACKET AND ROLLER AY - magazine positioning	41
4533266	BRACKET	53
9199226	BRACKET	48
9211251	BRACKET	11
9219086	BRACKET	50
H9211241	BRACKET	17
H9251041	BRACKET	37
9403491S	BUSHING - bronze	43
9407631S	BUSHING - motor, cassette entrance	5
9403631S	BUSHING - pusher	3
9224020	BUSHING AY	4
9403561S	BUSHING	44
9401871S	BUTTON - open magazine door	1
9228900	CABLE - A1X1 to A8X33	55, 56, 58
SP9404933P	CABLE - A1X2 to A4X29	55, 56, 58
SP9404913P	CABLE - A1X3 to processor J29	55, 56
SP9405421P	CABLE - A1X5 to A2X1	55, 56, 57
9403831P	CABLE - A20X1 to RS-232 service	44, 60
9403851P	CABLE - A20X2 to A1X4	44, 55, 56, 60
9403841P	CABLE - A20X3 to A4X1	44, 58, 60
1F5265	CABLE - board, A21	38
9401850	CABLE - manual unlock door	3
9401861S	CABLE - manual unlock	43
9218843	CABLE - ribbon, A5X4 to A7X1	59
4E5153	CABLE - RS232 DARKROOM FILM FEEDER	77
9219876	CABLE AY - film pocket to board, A5	45, 48
9216301	CAM	34
9216681	CAM	4, 5
9226441	CAM	33
4532796	CAPACITOR - 22000, micro F/40 V, C1	53
4853266	CAPTIVE NUT	53
9222076	CASSETTE OPENER AY - complete	19
9211541	CASSETTE SUPPORT	12
1F2431	CD - operational and service software download	80
9404811S	CHAIN - 50 link	20

Alphabetical Index

Part No.	Description	Figure No.
9404821P	CHAIN - link	50
9228680	CIRCUIT BREAKER - CB1	54, 65
9228640	CIRCUIT BREAKER - CB2	54, 65
4500541	CLIP - 1.5 mm (0.06 in.)	48
4500586	CLIP - 1.9 mm (0.07 in.)	18, 19, 29
4500596	CLIP - 12 mm (0.47 in.)	25, 26
4500551	CLIP - 2.3 mm (0.09 in.)	27, 29, 48, 49
4500606	CLIP - 3.2 mm (0.12 in.)	2, 3, 20, 40, 46
4500521	CLIP - 4 mm (0.15 in.)	11, 24, 33, 34, 36, 41, 42, 48, 49
4486246	CLIP - 6 mm (0.24 in.)	10, 11, 21, 22
4500566	CLIP - 6 mm (0.24 in.)	2, 5, 8, 9, 24, 28
4500531	CLIP - 9 mm (0.35 in.)	51
9408381S	CLIP - mounting	74
4500561	CLIP	6, 14, 37
9407601S	CLIP	31, 32
9226130	CLUTCH - free running	36
9225800	CLUTCH AY	47
9189536	CODE BRACKET	85
9408371P	COIL - condenser	74
4440031	COLLAR - lock	14
9402351S	COLLAR	39
9403381S	CONNECTOR - air valve, drawer lock	40
9403401S	CONNECTOR - air valve, drawer lock	40
-----	CONNECTOR - air	74
9408581S	CONNECTOR - air	3, 74
9317176	CONNECTOR - elbow, air	74
9215756	COUNTERWEIGHT - left, 1380 g (3.04 lbs)	52
9215746	COUNTERWEIGHT - right, 2310 g (5.09 lbs)	52
9401641S	COUPLING - solenoid	3
9402251P	COVER - board, A21	38
36550004S	C-RING	39, 43
9402141P	CYLINDER - air, drawer lock	40
9183916	DETENT AY	45
1F6225	DIAPHRAM/PIN AY	74, 75
9263346	DIMMER	79
SP9409351	DISK - operational software download	80
1F2433	DISK - service software download	80
9287396	DISPLAY - operator interface, lcd	57
9250474	DOOR SOLENOID AY - left	78
9250475	DOOR SOLENOID AY - right	78
9407382P	DOOR STAY AY - left magazine door	1
9407222P	DOOR STAY AY - right magazine door	1
9214113	DOUBLE FILM AY	46
1F6224	DRAIN AY	74, 75
9402182P	DRAWER AND SLIDE AY	41
9221850	DRIVE GEAR	22

Alphabetical Index

Part No.	Description	Figure No.
9211451	DRIVE GEAR	22
9211681	DRIVE GEAR	10, 22, 24
9216111	DRIVE GEAR	36
9403411S	ELBOW - air cylinder	40
1F6275	ELBOW - union, 6 to 8 mm	75
9404743P	ENERGY CHAIN AY	82
1F2407	E-PROM - boot	60
1F5479	E-PROM - boot, U2	56
-----	E-PROM - boot, U7	55
1F5480	E-PROM - flash, U3	56
9308826	E-PROM - flash, U8 and U9	55
9229090	EXHAUST ADAPTER	81
8911674	EXHAUST ADAPTER	81
8918928	EXHAUST TUBING	81
9225563	FAN - compressor	74
9280201	FASTENER - quick lock, side panel	1
9187542	FASTENER - quick lock, top cover	1
9215996	FILM GUIDE - left	46
9219606	FILM GUIDE - right	46
9184916	FILM PIN	48
9189616	FILM STOP - back	85
9189626	FILM STOP - left side	85
9189636	FILM STOP - right side	85
9405111P	FILTER - coalescing	75
4533226	FILTER - EMI	53
9405121P	FILTER - particulate	75
9187856	FILTER	53
9186886	FILTER, air	73, 75
1F6227	FITTING - adapter, 8 mm	75
9225564	FITTING - compressor	73
1F6226	FITTING - elbow, swivel	75
1F6228	FITTING - tee, 8mm	75
9407711S	FLEXIBLE DRIVE AY	10
SP9408141	FOAM - rear panel	1
H4524861	FUSE - 2.5 A, F12 and F13, Europe	53, 54
4534011	FUSE - 2.5 A, F12 and F13, UL/CSA	53, 54
1F7950	FUSE - SI1, 200 mA	60
1F7951	FUSE - SI2, 1 A	60
4533671	FUSE - slow blow, 1.6 A, UL/CSA	54
4533686	FUSE - slow blow, 3.2 A, UL/CSA	54
4534026	FUSE - slow blow, 4.0 A, UL/CSA	54
4534036	FUSE - slow blow, 6.25 A, UL/CSA	54
4534156	FUSE - slow blow, 8.0 A, UL/CSA	54
4532826	FUSE CAP - Europe	54
4532836	FUSE CAP - UL/CSA	54
4532816	FUSE HOLDER	53
9407351S	FUSE LABEL	54
4516426	FUSE T - 1.6 A, Europe	54

Alphabetical Index

Part No.	Description	Figure No.
4516096	FUSE T - 3.15 A, Europe	54
4531826	FUSE T - 4.0 A, Europe	54
4533666	FUSE T - 6.3 A, Europe	54
4534166	FUSE T - 8 A, Europe	54
9402361S	GEAR - bevel	43
9402571	GEAR - bevel, magazine transport, mechanism shaft	39
9402291S	GEAR - magazine opener ay	39
9211851	GEAR - toothed	6, 11, 14
9228140	GEAR BOX	51
9402273S	GEAR RACK - magazine opener ay	39
9215091	GEAR	51
9215181	GEAR	50
9402521S	GUIDE - distance magazine transport	42
9402301S	GUIDE - magazine opener ay	39
9402311S	GUIDE - magazine opener ay	39
9402861S	GUIDE - magazine opener ay	39
9402501S	GUIDE - magazine, transport mechanism	42
9211931	GUIDE BLOCK	7, 12
9222780	GUIDE SHOE	13, 18
9401981S	HANDLE	1
9189561	HANDLE	85
9250461	HANDLE	77
H9251111	HARNESS - B36 and B37	37
9401751S	HINGE - magazine door ay	1
9189586	HINGED COVER	85
9402911S	HOLDER - sensor, cylinder drawer lock	40
9401601S	HOOK - latch	3
9219841	HOOK - spring	47
9220170	HOSE - 3 mm (0.11 in.), blue, PU-PK3	16, 49, 73, 76
9222250	HOSE - 4 mm (0.15 in.), black, silicone	76
9220150	HOSE - 4 mm (0.15 in.), blue, PU- PK4	76
9220160	HOSE - 6 mm (0.23 in.), blue, PU-PK6	76
9217180	HOSE ADAPTER	74
H9215871	HOSE CLAMP	74, 75
9220961	HOSE SUPPORT - long	81
9229051	HOSE SUPPORT - short	81
9185736	HOSE	26
4532891	HOUSING - 18 pin	71
4532881	HOUSING - 18 socket	71
4532941	HOUSING - 2 pin	72
4534231	HOUSING - 2 pin	72
4532951	HOUSING - 2 socket	72
4534241	HOUSING - 2 socket	72
8431972	HOUSING - 3 pin	71
8431973	HOUSING - 3 socket	71
8601961	HOUSING - 4 pin	71
8601960	HOUSING - 4 socket	71
4527621	HOUSING - 6 pin	71

Alphabetical Index

Part No.	Description	Figure No.
8601962	HOUSING - 6 socket	71
4532901	HOUSING - 9 pin	71
8431951	HOUSING- 9 socket	71
9407681S	HUB - threaded	2
4526191	IC 8255	55
4533696	INSULATING PLATE	53
9220020	INSULATING TUBE - approximately 15 mm (0.6 in.) long	15
1F5264	INTERFACE AY - complete	36
9403321S	JOINT AND PIN AY	40
36510187S	JUMPER - board, A21	38
4533256	JUMPER AY	53
9405971S	KEY	20
9304166	KEYPAD - operator	57
9224600	KNOB	5
9189996	LABEL - film size	85
9250260	LATCH AY	78
9403121S	L-CONNECTOR AIR BLOW - cassette	15
9250181	LED - dual red, green	77
9210354	LEVELING FOOT	81
9184176	LINK - master	20
9213231	LINKAGE PIN - cassette sucker bar	29
9223650	LINKAGE PIN - sucker bar	49
4853251	LOCK NUT - M4	3. 6. 53
-----	MAGAZINE - complete	85
9401703SOP	MAGAZINE ACCESS DOOR	1
9189576	MAGAZINE COVER AY	85
9401593P	MAGAZINE DOOR LOCKING MECHANISM AY	3
9402392SOP	MAGAZINE TRANSPORT MECHANISM AY - complete	38
9184689	MAGAZINE/SUCKER BAR AY	49
9402441P	MAGNET - magazine transport	42
9189876	MAGNET - permanent	81
9261651	MAGNET - reed	1. 3
4532921	MODULE - amp	70
4532911	MODULE - amp	70
9228030	MOTOR - cassette centering, M4	22. 63
9228100	MOTOR - cassette film pickup, M6	24. 62
9228050	MOTOR - cassette input flap, M1	5
9228010	MOTOR - cassette input, M2	21. 61
9228020	MOTOR - cassette opener, M5	20. 61
9404773P	MOTOR - compressor, M16	61. 74
9226000	MOTOR - fan 2 processor interface, M18	62
9228080	MOTOR - film pocket stepper, M10	51. 62
9228070	MOTOR - film pocket sucker bar, M15	50. 62
9228040	MOTOR - holding finger, M3	11. 62
9228120	MOTOR - interface flap, M11, film release, M12	32. 33. 34. 62
9403741P	MOTOR - magazine shuttle mechanism, M20	62
9407051P	MOTOR - power supply, fan, M17	53
9250176	MOTOR - processor interface, M13, magazine opener, M21	36. 39. 62

Alphabetical Index

Part No.	Description	Figure No.
8722847	MOTOR - processor interface, M18	35
9228110	MOTOR - roller pickup, M7	24, 28, 62
9402342P	MOTOR AY - magazine shuttle mechanism, M20	43
9226060	MOUNT - roller	36
9403391S	MUFFLER	40
4852766	NUT	25, 39
4853146	NUT	25, 29
4853246	NUT	30, 33, 34
4853256	NUT	83
9222260	OPENER PIN AY	18
9222261	OPENER PIN AY	19
9222480	OPENER SHOVEL	19
317411	O-RING	77
9212941	O-RING	45
9401791SOP	PANEL - front	1
9401131SOP	PANEL - left side	1
9401123SOP	PANEL - multiloader, back	1
9401821SOP	PANEL - processor, front	1
9401151SOP	PANEL - right side	1
4529801	PIN - 0.9 - 1.4 mm (0.035 - 0.055 in.)	71
4527661	PIN - 1.15 - 1.8 mm (0.045 - 0.070 in.)	71
4719336	PIN - 2 x 12 mm (0.07 x 0.47 in.)	36
4796376	PIN - 2 x 12 mm (0.07 x 0.47 in.)	33, 34, 39
4719376	PIN - 2 x 12 mm	5
4527671	PIN - 2.0 - 2.5 mm (0.078 - 0.098 in.)	71
4719422	PIN - 2.5 mm (0.09 in.)	14
4719361	PIN - 2.5 x 10 mm (0.09 x 0.39 in.)	24, 28
9222550	PIN - 2.5 x 12 mm (0.09 x 0.47 in.)	10, 22
4719341	PIN - 2.5 x 14 mm (0.09 x 0.55 in.)	8, 9, 10, 11, 14
9212831	PIN - 2.5 x 16 mm (0.09 x 0.62 in.)	20, 21
9212851	PIN - 2.5 x 20 mm (0.09 x 0.78 in.)	50, 51
9402831S	PIN - cylinder, drawer lock	40
36550017S	PIN - M3 x 13	43
36550007S	PIN - M3 x 16	39
36550008S	PIN - M3 x 25	39, 42
36550001S	PIN - M5 x 20	40
36550002S	PIN - magazine opener ay	39
9229630	PIN AY	45
4533001	PIN HOUSING - amp	70
G9903833	PIN HOUSING - amp	70
4532961	PIN	72
4532981	PIN	70
4534251	PIN	72
9213611	PIN	27
9214581	PIN	2
9215401	PIN	48
9405981	PIN	41
9407001P	PIVOT PLATE - left	2

Alphabetical Index

Part No.	Description	Figure No.
9407501P	PIVOT PLATE - right	2
9217091	PLATE - insulating	57
9215111	PLATE - threaded	18, 51
9219783	PLATE	49
9226030	PLUNGER AY	73
9222670	PLUNGER	73
9229040	PLUNGER	73
9404803SOP	POWER SUPPLY AY - complete	53
9216916	PRESSURE ROLLER AY	13, 14
1F5478	PROM - serial, U15	56
8694189	PULLEY - idler	6
8924019	PULLEY - toothed	14
9211661	PULLEY	8, 9
9211846	PULLEY	9
9213431	PULLEY	26
9221020	PULLEY	24, 28
9402581S	PULLEY	39
9402591S	PULLEY	39
H9211836	PULLEY	21
9401611S	PUSHER	3
9210496	RAIL	81
9401832P	RECEIVING BIN	1
4532806	RECTIFIER	53
1F6229	REDUCER - 8 to 6 mm	75
9194556	REFLECTIVE FOIL - 8 x 15 mm	84
9189656	REFLECTIVE FOIL	85
9189541	REFLECTIVE FOIL	14
9189546	REFLECTIVE FOIL	85
9407041P	RELAY - Aux K2	53
9405071	RELAY - K1	53
9407031P	RELAY - K2, white	53
9225332	REPAIR KIT - wire	48
9165165	REPAIR KIT	84
9407021S	RESISTOR - 75 ohm	53
4500416	RETAINING RING	21
9228300	RIBBON CABLE	49
9405101P	RING - felt	74
9403931S	ROLLER - bin runner	2
9251011	ROLLER - detector	36, 37
9221383	ROLLER - foam transport, short	7, 14
9184396	ROLLER - foam	45
9226070	ROLLER - idler	36
9221400	ROLLER - rubber transport, short	7
9216536	ROLLER AY	4
9223081	ROLLER SHAFT	28
9223091	ROLLER SHAFT	24
9223100	ROLLER SHAFT	28
9180526	ROLLER	41

Alphabetical Index

Part No.	Description	Figure No.
9211571	ROLLER	11
9223140	ROLLER/SHAFT AY	24
36550018S	SCREW - <i>Allen</i> head, M6 x 12	43
36550014S	SCREW - <i>Allen</i> , M3 x 20	44
-----	SCREW - filter tube fitting	74
4269300	SCREW - lock collar	14
4281146	SCREW - M2.5 x 12	10, 17
4302346	SCREW - M2.9 x 6.5	85
4283186	SCREW - M3 x 12	16, 34
4291436	SCREW - M3 x 16	85
4278296	SCREW - M3 x 3	15, 48
36550012S	SCREW - M3 x 6	42, 44
4281331	SCREW - M3 x 6	11
4283286	SCREW - M3 x 6	4, 17, 30, 50
4283301	SCREW - M3 x 8	3, 33
4283401	SCREW - M3 x 8	36, 48
4283121	SCREW - M4 x 10	4, 11, 15, 17, 22, 30, 33, 34, 35, 36, 50
4282806	SCREW - M4 x 16	53, 83
4283336	SCREW - M4 x 8	5
4283131	SCREW - M5 x 12	18
4282006	SCREW - M5 x 50	51
4281756	SCREW - M6 x 16	20
4283116	SCREW - M6 x 26	21
4283281	SCREW - mounting	3
36550028S	SCREW - shoulder	3
36550033S	SCREW	2
4230011	SCREW	83
4282831	SCREW	37
9250211	SEAL	77
SP9408948	SEISMIC MOUNT KIT	80
9403641P	SENSOR - B107	45
9402901S	SENSOR - B108	40
9228960	SENSOR - B16	18, 66
9228991	SENSOR - B17, B18, B20, B21, B22, B35	16, 30, 31, 32, 64, 65, 66, 67
9228940	SENSOR - B2, B3, B4, B11, B12, B15, B19	4, 5, 20, 27, 64, 66, 67
9228980	SENSOR - B24, B60	13, 45, 65
9216236	SENSOR - B33, B34	33, 34, 65
9251086	SENSOR - B36, left	37
9251076	SENSOR - B37, right	37
9228950	SENSOR - B5, B6, B7, B9, B10	12, 67, 78
9284026	SENSOR - B59	46
9184886	SENSOR - B61	48
9263051	SENSOR - interlock switch	1, 3, 5, 64
36550009S	SETSCREW - M5 x 16	39

Alphabetical Index

Part No.	Description	Figure No.
H4276310	SETSCREW	20
9402551S	SHAFT - belt, tension magazine, transport mechanism	39
9402561S	SHAFT - drive, main magazine, transport mechanism	39
9402511S	SHAFT - pivot magazine, transport mechanism unlock	42
9402103P	SHAFT LOCK DRAWER AY	40
9213121	SHAFT	25
9215981P	SHAFT	45
9223050	SHAFT	29
9226170	SHAFT	25
9220010	SHOCK ABSORBER	73, 74
9212212	SHOVEL HOOK	19
9403481S	SLEEVE - bushing holder	43
9407301P	SLIDE AY - film pocket	52
9211342	SLIDE AY	22
4533991	SOCKET - 0.9 - 1.4 mm (0.035 - 0.055 in.)	71
4527681	SOCKET - 1.15 - 1.8 mm (0.045 - 0.070 in.)	71
4527691	SOCKET - 2.0 - 2.5 mm (0.078 - 0.098 in.)	71
G9903834	SOCKET HOUSING - amp	70
4533011	SOCKET HOUSING - amp	70
4532931	SOCKET	70
4532971	SOCKET	72
4532991	SOCKET	70
4534261	SOCKET	72
9303816	SOLENOID - drawer lock, Y20	40
9222111	SOLENOID - Y1, Y4	3, 18, 19, 68
9225333	SOLENOID - Y14	48, 69
9224410	SOLENOID - Y15	45, 69
9226010	SOLENOID - Y3, Y5, Y12	68, 73
9226480	SOLENOID - Y6, Y10, Y11	68, 73
9223370	SOLENOID - Y7	27, 68
9219771	SOLENOID LINK	49
9402321S	SPACER	39
9211651	SPACER	13
9211881	SPACER	8, 9
9211896	SPACER	9
9212921	SPACER	19
9212971	SPACER	14
9219101	SPACER	14
9222570	SPACER	15
9223360	SPRING - bearing	28, 33, 36
9184936	SPRING - film pin	48
9165041	SPRING - film	84
9223280	SPRING - flap actuator arm	33
9214961	SPRING - leaf	83
9403201S	SPRING - leaf	40
9222680	SPRING - shovel hook	19
9402671S	SPRING - unlock	43
9184661	SPRING	48

Alphabetical Index

Part No.	Description	Figure No.
9185076	SPRING	47
9189527	SPRING	85
9189776	SPRING	2
9210931	SPRING	2
9214471	SPRING	46
9215431	SPRING	49
9216651	SPRING	4
9219831	SPRING	47
9222230	SPRING	18
9222610	SPRING	15
9222621	SPRING	19
9222690	SPRING	19
9223410	SPRING	24
9224270	SPRING	46
9224450	SPRING	18, 45
9225780	SPRING	47
9401651S	SPRING	3
9212401	SPROCKET - 15 tooth	20
H9212416	SPROCKET KIT	20
9403531S	STANDOFF - hinged, board	44
9403541S	STANDOFF - post	44
9407491S	STAY - top cover	1
9214911	STOP BRACKET	83
4527776	STRAIN RELIEF	54
9223670	SUCKER - cassette	26, 29
9184847	SUCKER - magazine	48
9223680	SUCKER BAR AY - complete	26
9219801	SUCKER BAR LINK	49
9184686	SUCKER BAR	26
9224350	SWITCH - main	3
9403131S	T-CONNECTOR AIR BLOW - cassette	15
9212771	TENSIONER	18
4533186	TERMINAL BLOCK	53
4533236	TERMINAL BLOCK	53
9211332	TIMING BELT	6
9221130	TIMING BELT	22
9221140	TIMING BELT	22
9221160	TIMING BELT	21
9221320	TIMING BELT	10
9223390	TIMING BELT	26
9223400	TIMING BELT	24
9183956	TIMING DISK - left	46
H9183946	TIMING DISK - right	46
9403941S	TIRE - bin runner	2
1F5931SOP	TOP COVER AY	1
9308696	TRANSFORMER - T1	53
9228660	TRANSFORMER - T2	53
9403042P	TRANSPORT ROLLER - long	7

Alphabetical Index

Part No.	Description	Figure No.
9250100	TRANSPORT ROLLER	36
9226490	VACUUM SWITCH	73
9404462P	VALVE AY - complete	73
4480516	WASHER - 2.7 mm (0.106 in.)	10, 17
4480032	WASHER - 4.3 mm (0.16 in.)	15
4480266	WASHER - 5.08 mm (0.2 in.)	11
4480176	WASHER - 5.3 mm (0.20 in.)	21, 36, 51
4480406	WASHER - 5.3 mm (0.20 in.)	18, 83
9223180	WASHER - 6.05 mm (0.24 in.)	2
4480166	WASHER - 6.4 mm (0.24 in.)	20, 49
4480536	WASHER - 8.1 mm (0.319 in.)	10
4480596	WASHER - 8.4 mm (0.33 in.)	25, 29
-----	WASHER - air	74
9216771	WASHER - flange	6, 14
9407641S	WASHER - plastic	5
4500106	WASHER - toothed, 2.7 mm (0.10 in.)	10, 17
9213301	WASHER	24
4470100	WASHER	37
4480091	WASHER	37
9211581	WASHER	11
9211731	WASHER	11, 22
9213311	WASHER	24, 28
9221210	WASHER	11
9403551	WASHER	44
9408392P	WATER TRAP AY - DUAL	74
9225666	WATER TRAP AY - SINGLE	74
9404441S	WIRE HARNESS - left	23
9228730	WIRE HARNESS - opener	19
9403361S	WIRE HARNESS - right	23
9228746	WIRE HARNESS - short	23

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